O. S. U. THESES AND DISSERTATIONS

1970 - 1977

Compiled by
Pia Tollo Brown
Reference Librarian
Oregon State University Library

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This compilation of theses and dissertations (a part of the OSU Bibliographic Series) for the period 1970-1977 reflects this university's emphasis on research and graduate study. It may be viewed as an indicator of the contributions made to the state of Oregon through graduate study and research at Oregon State University.

This bibliography is part of a continuing series dealing with the research done on the Oregon State University campus. All of the materials listed are held in the William Jasper Kerr Library, and may be consulted in the Library. Only the Masters theses are available for interlibrary loan.

The accumulation of these citations, the typing and the proofing, have all been the responsibility of Pia Tollo Brown who has devoted many hours, both on and off the job, to see that information included is accurate and that the compilation is inclusive. She has had the services of four hard-working Oregon State University students: Holly Dunham, Lynn Osaki, Kellene Spencer, and Janelle Weinzierl. The preparation of this document is not inexpensive but the Library administration feels that it is a useful tool, not only for other libraries and in their interlibrary loan activities but for the dissemination of the research done on this campus. It is well worth the time, effort and dollars to put it together at regular intervals.

Rodney K. Waldron
Director of Libraries
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Subject Fields:

Included in this list are the masters' theses and doctoral dissertations, in all fields, completed at Oregon State University between the years 1971 - 1977.

Time Period:

Theses are listed by date of graduation, rather than actual date of thesis completion. For example, if a thesis was completed between April and December of 1977, but did not meet the Graduate School's deadlines for June graduation, then the thesis is not included in this list even though technically it was completed in 1977. Rather it will be included in the next thesis list of our bibliographic series.

Not Included:

Research papers are not included, although some university departments encourage their students to write a research paper instead of a thesis. These papers are often as worthy and well-researched as the theses, but students are not required to give the library a copy, hence the library does not maintain a list of these.

If you have a title or author that you cannot find listed in this booklet, but you are sure it was done within this time period, it may be a research paper. If you suspect this to be the case, it is suggested that you contact the appropriate school or department (not the library) for more information. See Appendix I for relationships between subjects and scope of this institution's graduate programs.

ARRANGEMENT

Basically this guide is arranged alphabetically, like a dictionary (A-Z), in all 3 sections. Section I, the Departmental Index, is the largest. It is arranged alphabetically by university departments, then subdivided by year and type of degree.

However, since some schools at O.S.U., such as School of Education and School of Oceanography, are separated into divisions or subject emphases, rather than departments, theses from these areas have been arbitrarily arranged by subject by the compiler of this guide. The cross-references or Appendix I should help if you do not find precisely what you are looking for. Also, due to numbering error, you will not find #1336 in the list, but rest assured that all theses are listed and none have been left out.

Section II and III, the author and subject indexes, are fairly self-explanatory. Subject headings may not be specific enough for some subject areas, so be sure to look under broad headings if you do not find what you need. Subject headings were taken directly from the catalog cards, with no expansions or deletions of subject headings.

INTER-LIBRARY LOAN

The library's Inter-Library Loan Service lends our own institution's masters' theses to all other states, but doctoral dissertations are only loaned out within the state of Oregon. Exceptions to this rule, are selected universities with which we have reciprocal lending agreements for Ph.D's.

PHOTO-COPY

Our policy is not to photo-copy any masters or doctorate in its entirety. University Microfilms in Ann Arbor, Michigan provides this service for doctoral works through Dissertation Abstracts.

OTHER GUIDES TO OSU THESES AND DISSERTATIONS

You may also wish to consult previous guides in the same bibliographic series for more information on previous years or on special subjects (call number 25055 U5 976):

Bibliographic Series Number 6
OSU Theses & Dissertations 1943 - 1959
Bibliographic Series Number 8
OSU Theses & Dissertations 1960 - 1965
Bibliographic Series Number 9
OSU Theses & Dissertations 1966 - 1970

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DEPARTMENT INDEX

Those areas of the university which are not arranged along departmental lines are instead listed by subject.
ADULT, COMMUNITY COLLEGE, & COMMUNITY EDUCATION
(includes: correctional institutions)

SEE ALSO Vocational Education

1971 - Masters
1. Wilson, Melvin Dee. A study of community college drop-outs.

1971 - Doctors
3. Colbert, Austin Michael. A study of values of educators in Oregon's correctional institutions.
4. Dunham, Daniel Bentley. Guidelines for developing a community college teacher education program in Oregon.
5. Fadel, Eugene James. A study designed to establish a model for determining the feasibility of establishing a private junior college.
7. Kaiser, Ronald Earl. Selected characteristics of chief community college administrators with regard to their behavior toward secondary vocational education.
8. Lindahl, Donald Gene. Commonalities in the professional education competencies of selected community college vocational instructors.
10. Miller, Jack Dean. A factor analysis of professional education competencies and selected community college instructors.

1972 - Doctors
11. Herndon, Charles Frederick. Comparative perceptions of students, financial aid administrators, and presidents regarding the required competencies of community college financial aid administrators.
13. Smith, Richard Lorn. A study to determine the perceptions of the competencies needed by adult basic education teachers.

1972 - Masters
none

1973 - Doctors
15. Gum Jr., Harvey. A study of dropout propensity of selected community college students.
17. Neff, Gale Norman. The design development and testing of an experimental individualized learning system.
18. Pritchett, Betty Jensen. Values and perceptions of community college professional staff in Oregon.

1974 - Doctors
25. Weiss, Marvin Wesley. Coordination and cooperation between community colleges and community schools in selected community college districts.

1975 - Doctors
none

1976 - Doctors
27. Haburn, William B. A factor analysis of professional competencies and local church clergy.
28. MacNeil, James Leo. How selected groups evaluated the student personnel services at a public community college.
29. Manspeaker, Jewell Charles. An analysis of Oregon community college students' and educators' perceptions of opportunities to earn academic credit for prior off-campus learning.

**AERONAUTICAL ENGINEERING**
SEE Mechanical Engineering Department

**AGRICULTURAL & RESOURCE ECONOMICS DEPARTMENT**
SEE ALSO Civil Engineering Department

**1971 - Masters**


36. Miles, Stanley Donovan. Data requirements and transmittal techniques for applied farm organization linear programming.


38. Rudkin, Terry Harrold. A sampling procedure to detect alternative actions in a decision model for choosing among apple harvesting systems.

39. Shadman-Valavi, Mohammad. The role of employment in dualistic economic development models.

40. Thompson, Stanley Robert. Scheduling cooperative postmerger decisions within a framework of uncertainty.

**1972 - Masters**

41. Avey, Renny Joel. A simulation analysis of the Holley dam and reservoir project with emphasis on anadromous fish enhancement.

42. Nordblom, Thomas Lee. Economic feasibility of fall-calving on Oregon high desert cow-calf operations.


44. Vathanal, Cheamong. A study of demand and supply relationships in the agricultural labor market.

45. Yadav, Ram Prakash. An econometric analysis of the demand for selected agricultural inputs in Oregon.

**1973 - Masters**

46. Im, Kwang Hi. An analysis of production and consumption of food in Korea.


49. Olufokunbi, Basho. The role of processors in the improvement and expansion of fruit crop production in the western state of Nigeria: a case study.

50. Onuorah, Michael Chukwuezemka. Foreign and domestic trade in canned salmon of the U.S. and Canada: the effect on the derived demand of the fishermen.


**1974 - Masters**

52. Baquet, Alan Eugene. An economic evaluation of frost forecasting in Jackson County.

53. Cook, Gordon Henry. A study of crop-share leases on wheat farms in six differentiated areas of Sherman County, Oregon.

54. Miller, David Paul. Considerations in the financing of Oregon dairy enterprises; investigations of three selected problem areas.

**1975 - Masters**


56. Ishiyama, Hisashi. Economic analysis of oyster production under controlled conditions.

**1976 - Masters**

57. Akrout, Rached. Economic analysis of the limitations to the production of bread wheat in Tunisia.


60. Erlandson, Mark Jeffrey. The distribution of home, business, and speculative real estate ownership among income classes.

61. Ford, Donald Kenneth. An economic analysis of sewerage services in Tillamook, Oregon.


63. Yap, Sik Sya. An economic analysis of factors related to poverty on selected Indian reservations.

**1977 - Masters**

64. Cheung, Kee Nam. A simulation model of an extended-Bergstrom type economy.

65. Clark, Jerry Earl. A proposed model to predict population in relatively rural areas experiencing rapid economic development.
66. McNamee, William A. Economic and financial feasibility of an expanded farm enterprise for the Umatilla Indian Reservation.
68. Waldron, Raymond Wesley. An economic analysis of industrial location characteristics for Union County, Oregon.
69. Weimer, Michael Wayne. Sanitation procedures, costs and management practices of four Oregon retail food stores.

1971 - Doctors

70. Armbruster, Walter Joseph. Simulation of farm bargaining board policies in the western late potato system.
71. Bauer, Leonard. A Quadratic programming algorithm for deriving efficient farm plans in a risk setting.
73. Eiler, Doyle Alden. An economic analysis of the short-run demand for timeliness with special reference to farm machinery parts.
74. Godfrey, Erik Bruce. An economic evaluation of the range improvements administered by the Bureau of Land Management in the Vale District of Oregon.
75. Lough, Harold Wayne. The relationship between farm supply cooperatives' economic performance and their organizational power centers' levels of motivation to achieve objectives.
76. Mattox, Bruce Wade. A partial economic analysis of hatchery propagation and commercial harvest of salmonid resources in Oregon.
79. Singh, Aakul Kumar. Farm machinery merchandising: farmer and dealer preferences concerning used equipment guarantees, farm service centers and information services.

1972 - Doctors

82. Clark, Richard Thomas. Predicted economic effects of environmental quality control policies on linear firm models and an application to an irrigated farm model.
83. Crowley, William David. The influence of net real estate income and other property characteristics on prices of agricultural properties within and among selected areas of Oregon, 1965-69.
84. Dhalwai, Hardev Singh. An econometric investigation of demand interrelationships among tree nuts and peanuts.

85. Fisher, Douglas Earl. An economic analysis of farms producing grass seed in the Willamette Valley, with special attention to the cultural practice of field burning.
89. Moghaddam, Reza. An economic analysis of wheat production and marketing in Iran.

1973 - Doctors

93. Fernandez, Jose Enrique. Treatment of auto-correlated disturbances in economic functions.
96. Jaksch, John August. Outpatient medical costs related to air pollution in the Portland-Vancouver area.
98. Radtke, Hans Dietrich. The allocation of health-producing resources in the Pacific Northwest.

1974 - Doctors

100. Batie, Sandra Sutch. The United States' importation of fishery products; an econometric case study of the southern Atlantic and Gulf shrimp industry.
104. Lynne, Gary Dean. Multiple objective planning procedures in water resource development: the trade-off ratio.


1975 - Doctors


109. Izadi, Ali M. An economic evaluation of irrigation water pricing on farm incomes and cropping patterns, Marv-Dasht Plain in Fars, Iran.


1976 - Doctors

113. Abizadeh, Sohrab. Tax components and the degree of economic development.


115. Viech, Gary Richard. The applicability of selected parameters of an input-output model to other similar regions: a comparison of small rural counties.


1977 - Doctors


118. Fonollera, Raymundo E. The impacts of government market intervention on weed control technology, income and employment: a case study of basic grain farms in El Salvador, Central America.

119. Ives, Edward Ewing. Input-output models estimated from primary data: sampling considerations and parameter variability.

120. Mwamufiya, Mubiki. Maize production and marketing in four districts of Zaire: an introductory economic analysis.

121. Scheffer, John Edwin. The demand for and supply of the characteristics of a new residence and the residential location decision.

122. Schotzko, Ralph Thomas. An analysis of the effects of social security taxes on resource allocation in the U.S. farm sector.


AGRICULTURAL CHEMISTRY
(no advanced degrees offered in this department)

AGRICULTURAL ECONOMICS
SEE Agricultural and Resource Economics Department

AGRICULTURAL EDUCATION
(This is a subject emphasis offered jointly by the School of Education and School of Agriculture. No doctoral degrees offered in this subject. Subject includes extension education).

1971 - Masters

124. Anderegg, Ralph Harold. Developing the agriculture cluster at Canby Union High School.

1972 - Masters

125. Scott, Ronald Walter. A critique of the King County, Washington 4-H club program.

1973 - Masters


1974 - Masters


131. Burnham, Robert Lynn. Skills and competencies for job entry in production agriculture in Polk County.


133. Lin, Yih-chyi. Program of preparation for extension personnel in Taiwan.

1975 - Masters
1976 - Masters
134. Schoenborn, Roger Ellis. Forestry competencies needed by high school graduates as rated by employers, secondary and post-secondary instructors.

1977 - Masters

1977 - Doctors
136. Sutfin, Wynn Harvey. A study to identify the animal science technical competencies needed by vocational agriculture instructors.

AGRICULTURAL ENGINEERING DEPARTMENT
SEE ALSO Agricultural and Resource Economics Department
Civil Engineering Department
Soils Department

1971 - 1973 - Masters
none

1974 - Masters
139. Will, Gregory Leonard. Infiltration under a rainfall simulator.

1975 - Masters
none

1976 - Masters
140. Kizer, Michael Andrew. A computer model to simulate farm irrigation system energy requirements.
141. Macnab, John Edward. Modeling the effects of tractive effort on agricultural tractor energy requirements.

AGRICULTURAL ENGINEERING TECHNOLOGY
(This is an undergraduate program only)
SEE Agricultural Engineering Department

AGRICULTURAL EXTENSION
SEE Agricultural Education

AGRICULTURE, SCHOOL OF
SEE Agricultural and Resource Economics Department
Agricultural Education
Agricultural Engineering Department

AGRICULTURE, SCHOOL OF (cont.)
SEE Animal Science Department
Crop Science Department
Fisheries and Wildlife Department
Food Science and Technology Department
Horticulture Department
Poultry Science Department
Soil Science Department

AGRONOMIC CROP SCIENCE
SEE Crop Science Department

ANALYTICAL CHEMISTRY
SEE Chemistry Department

ANIMAL BREEDING, HUSBANDRY, NUTRITION
SEE Animal Science Department

1971 - Masters
144. Gjesvold, James Allen. Some ovarian characteristics of the postpartum rabbit.
147. Macy, Gregg Harlan. Application of linear programming techniques to ration formulation for lambs and steers.

1972 - Masters
149. Rice, Patrick Ralph. Taste reaction in Columbian black-tailed deer.
150. Stangel, Donald Earl. Lysine-arginine interrelationships and dried whey utilization in monogastric rations.

1973 - Masters
151. Meyers, George Henry. Comparative values of corn and corn cannery waste silages for milk production in dairy cattle.
152. Shull, Lee Ray. Vitamin E, selenium and tri-o-cresylphosphate interrelationships.

1974 - Masters


158. Miller, Richard Frank. Spring, summer and fall use by cattle and big game on foothill rangelands.

159. Ross, George Franklin. The identification of selected vegetation types in Arizona through the photointerpretation of intermediate scale aerial photography.

160. Sheggeby, Gene Gordon. Effect of feeding concentrates of Lactobacillus lactis on fecal bacterial flora, scouring, and weight gain in swine. 1975 - Masters

161. McCarthy, Michael Scott. Influence of steroids and gonadotropin releasing hormone on serum luteinizing hormone levels in prepuberal castrate Holstein bulls.

162. Myer, Robert O. Utilization of processed alfalfa meals by monogastric animals.

163. Reece, Patrick Eldon. Autecology of three perennial grasses relative to micro-environmental modification following permanent defoliation of Wyoming big sagebrush.

164. Sheehy, Dennis Patrick. Relative palatability of seven Artemisia taxa to mule deer and sheep.


166. Bel Isle, Dennis Marc. Influence of maternal stimulus stimulated by calf contact on the hormonal induction of lactation in the bovine.

167. Cedillo, Rose Mary. Genetic and environmental differences in age at first estrus and in wool and lamb production of crossbred ewe lambs.


171. Thompson, Kenneth Earl. The effect of certain production factors and rates of gain on carcass characteristics of beef steers.

172. Alderfer, Jean Marie. A taxonomic study of bitterbrush (Purshia tridentata (Pursh) DC.) in Oregon.


176. McInnis, Michael Lindsay. A comparison of four methods used in determining the diets of large herbivores.

177. Ngam, Joe Eric Tosah. The inheritance of appetite in ruminants.


179. Schurg, William Alan. Ryegrass straw and whole corn plant pellets as alternative roughages for horses.


181. Wood, Benjamin William. Response of Canada milkvetch (Astragalus canadensis var. mortonii (Nutt.) Wats.) to range and forest improvement practices in Northeastern Oregon. 1972 - Doctors


183. Chakraborty, Prabir Kumar. Pituitary and uterine control of ovarian function in the gilt and ewe.


185. Martinez, Andres. Effect of some major and trace element interactions upon in vitro rumen cellulose digestion.


188. Dean, Ronald Edward. Nutritional aspects of artificially feeding captive and wild deer.


190. Wheaton, Jonathan Edward. Role of hypothalamic biogenic amines in the release of luteinizing hormone in the ewe.

191. Wright, Rodney Joseph. Employment opportunities for and competencies needed by graduates in animal production from a community college.
1974 - Doctors

193. Phillips, Ralph Leon. The nutritive interrelationships of tallow and urea in ruminants.
194. Randall, Ronald Patrick. Some psychophysical aspects of taste and eating rate in cattle, sheep and horses.

1975 - Doctors

197. Kartchner, Rex John. Forage intake and related performance criteria of spring and fall calving cow-calf pairs on summer range.
199. Stuch, Jerry Wayne. Livestock, deer and logging interactions in the lodgepole pine-pumice region of central Oregon.

1976 - Doctors

204. Thetford Jr., Frank Oren. Responses of vegetation and sheep to three grazing pressures.

1977 - Doctors

205. El Hassan, Babiker Ahmed. The impact of three stocking intensities and four grazing treatments on the carbohydrate reserves of perennial ryegrass (Lolium perenne L.).
207. Price, David Porter. Cow calf confinement energy levels.

■ ANTHROPOLOGY
SEE Interdisciplinary Studies

■ ATMOSPHERIC SCIENCES DEPARTMENT
(includes: meteorology)

1971-1974 - Masters

none

1975 - Masters

210. Hennessey, Jr., Joseph Paul. A study of the variation of the surface roughness lengths at Ris, Denmark.

1976 - Masters

211. Strem, Eric Thomas. A study of the relation between radar and raingage indicated rainfall over northern California.

1977 - Masters

213. Frank, Albert E. Fronts and frontogenesis as revealed by high time resolution data.

1971-1977 - Doctors

none

■ AUTOMOTIVE ENGINEERING
SEE Mechanical Engineering Department

■ BACTERIOLOGY
SEE Microbiology Department

■ BIOCHEMISTRY AND BIOPHYSICS DEPARTMENT

1971 - Masters

none

1972 - Masters

216. Lu, Fung-jou. The effect of coenzyme on the bis(1-anilino 8-naphthalenesulfonate) induced association of lactic dehydrogenase.

1973 - Masters


1974-1975 - Masters

none
221. Babcock, Donner Franklin. Investigations of the isoprenoid nucleosides of pea root transfer nucleic acid.


223. Dreiling, Charles Ernest. Triap (1,1,3-tricyano-2-amino-1-propene): a stimulator of enzyme synthesis in myelinating chick embryo sciatic nerves.


226. Hayes, Lyle Wayne. Fatty acids in the eggs and sac fry of steelhead trout (Salmo gairdneri): a developmental study.


229. Dickinson, Helen Rose. Vacuum ultraviolet absorption studies of model sugar compounds.


231. Hinds, Thomas Richard. A partial characterization of the deoxyribonucleic acid found in the thoracic muscles of the tobacco hornworm moth (Manduca sexta).


233. Carpenter, Donald Ellis. Subunit structure of Cancer magister Hemocyanin.


236. Shine, Ward Edward. Trans-cis isomerization of geraniol and geranyl phosphate by cell-free enzymes from higher plants.

237. Wehr, Herbert Michael. Reactions of protein with phenols and quinones; evaluation of amino acid modification and protein digestibility.

238. Wickett, Richard Randall. Conformational changes in histone IV as induced by salts and nucleoside triphosphates.

239. Albin, Edward Elmo. Cyclic nucleotide, phosphodiesterase, protein kinase, and phosphoprotein phosphatase in the central nervous system of Manduca sexta.

240. Lusis, Aldons Jakabs. The B-glucosidase system of the thermophilic fungus Chaetomium thermophilum.


244. Leete, John Huntington. The influence of monovalent cations on tryptophanase and pyruvate kinase as studied by fluorescence, circular dichroism, and kinetic methods.


246. Fang, Ta-yun. Studies on sterol; UDP glucose glucosyltransferase in germinating pea seedling.


248. Arisaka, Fumio. Allosteric properties and the association equilibria of hemocyanin from Callianassa californiensis.


250. Kerkvliet, Nancy Issacson. The transplantability and growth of the Walker 256 carcinosarcoma in rats exposed to a polychlorinated biphenyl, Aroclor 1254.

251. Kovacic, Roger Timothy. Hydrodynamic properties of homogeneous double-stranded DNA.

252. Lewis, Donald George. Circular dichroism of amylose and glucose oligosaccharides in the vacuum ultraviolet.


BIOLOGICAL SCIENCE
SEE Biochemistry and Biophysics Department
Biological Oceanography
General Science Department
Microbiology Department

BIOLOGICAL OCEANOGRAPHY
(includes: marine pollution ecology, marine ecology)

1971 - Masters


257. Larsen, Ingvard. Determination of 65Zn specific activity in various tissues of the California sea mussel, Mytilus californianus.


1972 - Masters


263. Coughenower, David Douglas. Early spring nutrient conditions of southeastern Alaska’s Inside Passage.


1973 - Masters

266. Cañon, José Raul. Distribution of anchoveta (Engraulis ringens Jenya) in northern Chile in relation to selected oceanographic conditions.


269. Schonzeit, Michael Harvey. Relationships between lower trophic levels and hydrography during an upwelling season off Oregon.

1974 - Masters


275. Lundy, Daniel Wayne. Rapid equilibrium response of a marine diatom to external and internal nutrient concentrations.


277. Parr, Robert Alexander. Harbor dredging and benthic infauna; a case study.

278. Vogel, Allan Hayes. Distribution and abundance of four trace metals in net phytoplankton and seston off the Oregon coast.

1975 - Masters

279. Boese, Bruce, Leon. The activity pattern of Diadema aspera.


283. Longaker, Harold L. Growth response of a marine phytoplankton Coccolithus huxleyi to various chemical forms of cobalt.

284. Myers, Anne Hutchinson. Vertical distribution of zooplankton in the Oregon Coastal zone during an upwelling event.


286. Smith, Linda Ruth. Small-scale horizontal spatial distribution of four species of copepods off the Oregon coast.

287. Wiese, Craig Stewart. Effects of the poly-chlorinated biphenyl mixture Aroclor® 1254 on Acartia clausi.

1976 - Masters

288. Haines, Virginia Ewald. Effects of poly-chlorinated biphenyls (PCBs) on the respiration of the speckled sanddab (Citharichthys stigmaeus).

289. Holden, Robert Bennett. The distribution and role of "available" iron in two estuaries.
290. Oliver, Brian Lee.  The abundance, distribution, and ecology of the Tanner crab, Chionoecetes tanneri Rathbun, on the southern Oregon continental slope.

291. Tester, Patricia Ann.  Size classes, population structure, growth, sex ratio, and size and age at maturity of Chionoecetes tanneri Rathbun (Brachyura: Majidae) off the Oregon coast.

   1977 - Masters


   1971 - Doctors

   1972 - Doctors


298. Zimmerman, Steven Thomas.  Seasonal succession of zooplankton populations in two dissimilar marine embayments on the Oregon coast.  
   1973 - Doctors


   1974 - Doctors


303. Naidu, Janakiram Ramaswamy.  Radioactive zinc (65Zn), zinc, cadmium, and mercury in the Pacific hake, Merluccius productus (Ayres), off the west coast of the United States.

   1975 - Doctors


308. Pequegnat, John Eugene.  Trace metals in phytoplankton from an area of coastal upwelling.  
   1976 - Doctors

   1977 - Doctors

310. Carney, Robert Spencer.  The patterns of abundance and relative abundance of benthic holothurians (Echinodermata: Holothuroidea) on Cascadia Basin and Tuft's Abyssal Plain in the northeast Pacific Ocean.


312. Frey, Bruce Edward.  Effects of micro-nutrients and major nutrients on the growth and species composition of natural phytoplankton populations.

313. McNab, Gregory.  Species specific phytoplankton production rates during a spring diatom bloom in Yaquina Bay, Oregon.

314. Pearson, Walter Howard.  The effects of PCB exposure on the behavior of the shore crab Hemigrapsus oregonensis.

315. Richardson, Michael Donald.  The classification and structure of marine macrobenthic assemblages at Arthur Harbor, Anvers Island, Antarctica.

316. Shabica, Stephen Vale.  The natural history of the Antarctic limpet Patinigera polaris (Hombron and Jacquinot).


- BIOPHYSICS
   SEE Biochemistry and Biophysics Department

- BOTANY & PLANT PATHOLOGY DEPARTMENT
   SEE ALSO Biological Oceanography
      Crop Science Department
      Forest Management Department
      Horticulture Department
      1971 - Masters

318. Huhtanen, Bianne Carol.  Treatment of June yellows and witches'-broom in strawberry with oxytetracycline.


320. Williams, Janet Lynn.  A study on the carotenoids of wild-type and mutant strains of the alga, Scenedesmus obliquus.

1972 - Masters


1973 - Masters

324. Berglund, Lisette Aline. Laboratory studies of successional patterns in assemblages of attached estuarine diatoms.


327. Hawk, Glenn Martin. Forest vegetation and soils of terraces and floodplains along the McKenzie River, Oregon.


1974 - Masters


335. Newman, Kenneth Winston. The relation of time and the water table to plant distribution on deflation plains along the central Oregon coast.

1975 - Masters


339. Rhoades, Frederick Mast. Growth in the lichen Lobaria oregana as determined from sequential photographs.

1976 - Masters


344. Ostrowsky, Andrea. Ascospore discharge and germination in Xanthoria polycarpa.


346. Sontirat, Pattama. Phyloplane microorganisms on the leaf surfaces of bean (Phaseolus vulgaris L.), hop (Humulus lupulus L.), mint (Mentha piperita L.) and tomato (Lycopersicon esculentum Mill.)

1977 - Masters


351. Roberts, Mary Ann. Localization of sulfated polysaccharides in Fucus embryos.

352. Thompson, Dennis Dean. Taxonomic studies of the Eucalyptus complex of Aster in the Pacific Northwest.

1971 - Doctors

353. Chairez, Ruben. The partial purification-characterization of bean yellow mosaic virus.


357. Hook, Patricia Wayne C. Light and electron microscopy of chloroplasts in Equisetum gametophytes.


359. Ogbuji, Rufus Omer. Studies of northern root-knot nematode (Meloidogyne hapla, Chitwood 1949) biotypes and some factors associated with their biology and pathogenicity.
360. Ogg Jr., Alex Grant. The physiological effects and fate of dichlobenil (2,6-dichlorobenzonitrile) in an aquatic environment.


362. Sisson Jr., Warren Elmer. Effects of the balsam woolly aphid (Adelges piceae (Ratzburg)) on the cambial activity of grand fir (Abies grandis (Dougl.) Lindl.) and subalpine fir (Abies lasiocarpa (Hook.) Nutt.).


1972 - Doctors

365. Adams, David Howard. The relation of cover to the distribution of Armillaria mellea in a Ponderosa pine forest.


368. Jatala, Parviz. Interrelationships of Meliodogyne hapla Chitwood, 1949 with Heteroderas schachtii Schmidt, 1871 on Beta vulgaris L.


370. Palmer, Brent C. Pathogenic and gel electrophoretic comparison of pseudomonads from fruit trees.


1973 - Doctors


373. Englander, Larry. Growth and sporulation of Phytophthora lateralis in vitro as influenced by the chemical and physical environment.

374. McCoy, Mary Lois. The application of mathematical models in the epidemiology of foot rot of wheat caused by Ceratocystis herpotrichoides Fron.


378. Snow, Gerald Eldon. Some factors controlling the establishment and distribution of Quercus agrifolia Nee and Q. engelmannii Greene in certain southern California oak woodlands.

379. Strand, Mary Ann Sall. Simulation of population changes of western dwarf mistletoe on Ponderosa pine.


1974 - Doctors


382. Crayton, Michele Allen. Sulfation of fucoidan in Fucus embryos and its possible role in localization.


386. Israel, Daniel Wesly. Purification and some properties of nitrogenase from soybean root nodules.


388. Sontirat, Suebsak. Relationships of saprozoic nematodes and a nitrogen-fixing bacterium, Rhizobium japonicum (Kirch.) Bachman.


390. Strand, Larry L. Characterization of two endopolygalacturonase isozymes produced by Fusarium oxysporum f. sp. lycopersici.

1975 - Doctors


392. Eshtiaghi, Hassan. Effects of the northern root-knot nematode (Meloidogyne hapla Chitwood, 1949) on Mitcham peppermint (Mentha piperita L.) and Scotch spearmint (Mentha cardicae Baker).

393. Fogel, Robert Dale. The genus Leucocogaster (Basidiomycetes, Leucogastriaceae).

394. Harvey, Geoffrey W. Characteristics of two noncarnotenicogenic light sensitive mutants of Scenedesmus obliquus (Dill.) Dyer.


398. Schoner, Carl Arnold. Ecotypic adaptation of Setaria lutescens (Weigel) F. T. Hubbard to alfalfa culture in California.

399. Shaw III, Charles G. Epidemiological insights into Armillaria mellea root rot in a managed Ponderosa pine forest.

400. Stevens, Patricia T. Cell wall formation in Fucus zygotes: cellulose synthesis and deposition after fertilization.

401. Wright, Billie Dean. Laboratory studies of bacteriophagous nematodes as potential vectors of insect pathogens.
1976 - Doctors


403. Chusiprasit, Chalermlarb. Morphology, physiology and pathogenicity of Trichocomis padwicki Canguly, the cause of Stackburn disease of rice.


1977 - Doctors

406. Amspoker, Michael Craig. The distribution of intertidal diatoms associated with the sediments of Yaquina Estuary, Oregon.


408. Juday, Glenn Patrick. The location, composition, and structure of old-growth forests of the Oregon coast range.

409. Kaplan, Heesh J. A chemosystematic study of the phylogenetic position of Arabidopsis thaliana (L.) heynh. (Brassicaceae) employing numerical methods.


411. Sicher, Richard Charles. The effects of a mutation within vitamin E biosynthesis upon the development and function of the photosynthetic apparatus.

BUSINESS AND DISTRIBUTIVE EDUCATION
SEE ALSO Adult, Community College and Community Education

1971 - 1977 - Masters

none

1971 - Doctors

412. Cain, Lewis Albert. The significance of paternal education and occupation as contributing factors in the identification of managerial motivation in the high school senior boy.


415. Schoesler, Ronald Dean. The development and evaluation of new instructional media for the offset duplicating process utilizing the audiscan system.

416. Wong, Shirley Mabel. A study to compare the effects of three different methods of reading copy when proofreading straight paragraph copy materials by first-year typewriting students.

1972 - Doctors


419. Morales, Luis E. A study and evaluation of administrative data processing uses in selected community colleges.

420. Scudder, Duston Richard. Factors crucial to success of supermarket managers in a large western company with implications for curriculum development in post-secondary institutions.

421. Skaff, Lorraine Barbara. The development and validation of a predictive instrument to measure student success in the first semester of Gregg shorthand.

1973 - Doctors


423. Scott, James Calvert. The statistical significance of multilevel materials on post-test scores for a basic business unit on business organizational structure.

1974 - Doctors


425. Martel, Ira. The effect of the DECA Merit Awards Program on high school student interest levels toward careers in marketing.


1975 - Doctors

none

1976 - Doctors


1977 - Doctors

none

■ CAREER EDUCATION
SEE Vocational Education

■ CELLULOSE CHEMISTRY
SEE Forest Products Department
1971 - Masters

428. Kim, Dong Suk. Diffusion coefficients of propanol and methanol in mixtures of air and argon.
430. Spink, Thomas Joseph. The pressure and temperature effects on the solubility of nitrogen in distilled water.

1972 - Masters

433. Waller, Donald Kenneth. Determination of concentration gradients in a diffusing binary gas system by optical interferometry.

1973 - Masters

434. Coles, David George. Chemical compositional studies of marginal rift and plateau basalts from Saudi Arabia.

1974 - Masters

437. Jovanovic, Goran N. Natural and forced turbulent mixing in rod bundles.
438. Scheel, Randall Lee. Turbulent mixing between adjacent triangular channels - measurement by two techniques.

1975 - Masters

440. Story, Michael Kenneth. Surface temperature effects on the fouling characteristics of cooling water.
441. Yazhari, Faramarz. Simulation model of a total recyle urea process.

1976 - Masters

442. Chan, Pui Yuen. Turbulent mixing across adjacent subchannels in packed rod bundles using conductivity measurement.
443. Morse, Robert Weber. Alkalinity effects on the scaling of simulated cooling tower water.
444. Nam, Sehyun. Longitudinal dispersion of flowing fluids in coiled tubes.

1977 - Masters

449. Hieu, Le Minh. The kinetics of the chlorination of copper in the thin film range.

1971 - Doctors

455. Hovey, Leonard LeRoy. Surface renewal for the absorption of odoriferous sulfur compounds in a wetted wall column.

1972 - Doctors

459. Hauxwell, Gerald Dean. Pool absorption of gas entrained by a plunging liquid jet.

1973 - Doctors


1974 - Doctors

none
1975 - Doctors

464. Barchers, Daniel E. Optimal convergence of complex recycle process systems.


1976 - Doctors

466. Chang, Feg-wen. Discrete modeling of flow systems.

1977 - Doctors

467. Park, Jin Yong. Optimum operating cycle for systems with deactivating catalyst and the reaction of solid particles.

CHEMICAL OCEANOGRAPHY
(includes: marine radio-ecology)

1971 - Masters


1973 - Masters

469. Atlas, Elliot Leonard. Changes in chemical distributions and relationships during an upwelling event off the Oregon coast.


471. Mehrbach, Carl. Measurement of the apparent dissociation constants of carbonic acid in seawater at atmospheric pressure.

1974 - Masters


1975 - Masters


1976 - Masters


1973 - Doctors


477. Hawley, John Edward. Bicarbonate and carbonate ion association with sodium, magnesium and calcium at 25° C and 0.72 ionic strength.

1974 - Doctors


1977 - Doctors

479. Evans, David William. Exchange of manganese, iron, copper, and zinc between dissolved and particulate forms in the Newport River estuary, North Carolina.

CHEMISTRY DEPARTMENT
(includes: analytical chemistry)

SEE ALSO Biochemistry and Biophysics Department
Chemical Engineering Department
Chemical Oceanography
Forest Products Department
Pharmacology and Toxicology

1971 - Masters


481. Elliott Jr., Stanley Claud. A quadratic programming routine for the statistical analysis of gas chromatographic data.


485. Landberg, Björn Erik. The reaction of methylhydrazine with various 2-substituted 4,6-dimethoxy-5-nitropyrimidines.

486. Lilley, Suetta Albin. Lattice vibrations of lithium hydroxide: isotopic effects and factor group analysis.

487. Miller, Clinton Earl. Optimization by transfer function estimation of the galvanovoltammetric determination of dissolved chlorine in a flowing stream.


489. Tantivanich, Ammad. A study of certain reactions of 4-chloro-6-methylhydrazino-5-nitropyrimidine and the 4-methoxy and 6-dimethylamino analogs.
1972 - Masters

491. Choi, Young Bok. A pyrolysis of cis-1-trimethylsiloxy-1-cyclopropyl-3-cyclohexene; the thermal isomerization of 2-phenyl-1-trimethylsiloxy-1-vinylcyclohexene.
492. Hong, Pak-kong. Oxymercuration of cyclodec-1,2,3,8-tetraene.
493. Hoover, Steven Edward. A mechanism for filmiform corrosion of aluminum.
495. Ni, Rain Wo. A study of the permanganate oxidation of 4-methylpyrimidine to pyrimidine-4-carboxylic acid.
496. Shum, Yin-sang. Isomeric cross-section ratios of Cs113 and Ca134 for charged particle induced fission.

1973 - Masters

501. Li, Tsai-chi. Thermodynamics of the reaction between F and H centers in KBr.
503. Murdick Jr., Dewey A. The design of an easily operated dc argon plasma arc for atomic spectroscopic analysis.
504. Staible, Thomas Fredrick. The reaction between 0-ions and F centers.
505. Walton, Edward Samuel. The siloxy-cope rearrangement of 1,2-divinyl-1-trimethylsilylcyclohexane and related systems. The acid-catalyzed rearrangement of bicyclo[5.1.0]octyl-8-methanol.
506. Warden, Bruce Edward. The electrochemical oxidation of aqueous sulfur dioxide solutions at a glassy carbon electrode.

1974 - Masters

508. Arneson, Robert Lawrence. The oxidation of triethylamine by thallium(III) chloride.
509. Cooper, Thurman Dale. Elemental abundances in the silicate phase of pallasitic meteorites.
511. English, James Roger. The structure and thermodynamic properties of 2-bromomethanol as determined by gas phase electron diffraction.
513. Miller, Donald Ashley. Chemical composition of layered gabros and mineral separates from the Red Sea area.

1975 - Masters

516. Boop, Janice Lee. Catalytic rearrangement of cyclohexa-1,2,5-triene and oxymercuration of bicyclo[7.1.0]-deca-2,3-diene.
519. Holmes, Steven Allen. X-ray photoelectron spectroscopy of trifluoromethylbenzenes and chlorofluoromethanes.
520. Kong, Ming J. Diffusion in silicone polymers.
522. Reid, Richard Donald. Use of a tungsten filament atomizer in atomic absorption spectrometry.
523. Sloan, Camilla Peel. Formation of sulfenato and sulfinato cobalt (III) complexes by the oxidation of coordinated cysteine.

1976 - Masters

526. Cheng, Jack Ching-ping. The intramolecular reaction of some 1,2-diallylcyclohexanes.
527. Hoyt, Steve Dow. Design of a chemiluminescence photometer and its application to trace chromium (III) analysis.
528. Lane, Thomas Alfred. The oxidation of trimethylamine by copper (II) chloride.

1977 - Masters

530. Conard, Roberta. A study of the chemical composition of Ca-Al-rich inclusions from the Allende Meteorite.
534. Walsh, James Elroy William. Decomposition of perfluoroalkyl groups bonded to boron. 1971 - Doctors
535. Chaney, Robert Edgar. Dipole relaxation effects in doped potassium chloride by the double crystal method.
537. Gilbert, Michael McCall. Conformational analysis: the molecular structure of tetrafluorohydrazine, N2F4, by gaseous electron diffraction.
538. Gordon, Donald Joseph. Infrared spectrum of isotopic cyanate ion in potassium chloride and potassium bromide.
541. McClelland, Bruce Wilson. Electron-diffraction investigations of the molecular structures of some oxides of nitrogen: I. dinitrogen tetroxide (N2O4) II. dinitrogen pentoxide (N2O5).
545. Satcher, Robert Lee. A study of the photochemistry of the aqueous thymine system at 214 nm, 229 nm and 254 nm.
546. Schmidt, Donald Dean. The autoxidation of dichlorobis(triethylphosphine)cobalt(II).
547. Unruh, Jerry Dean. Hydrogen abstractions from arylmethanes. 1972 - Doctors
551. Gregory-Allen, Dorothea Joyce. An electron diffraction investigation of the structure of 1,4-cyclohexanedione.
552. Janghorbani, Morteza. Application of piezoelectric quartz crystal as partition detector; development of a digital transducer.
556. Osten, Donald Edward. Investigation of the effects of atmospheric pressure and composition on Q-switched laser plumes from metal and graphite targets by spatiotemporally resolved emission and atomic absorption measurements.
558. Wesley, Robert Dee. Infrared spectra and geometry of matrix isolated rare-earth and IIIB metal fluorides. 1973 - Doctors
559. Axtell, Darrell Dean. Reactions of triethylphosphine and related phosphonium chlorides with copper (I) and copper (II) chloride.
562. Cooke, Rodney Dean. Infrared, reflection and Raman spectra of sodium and potassium bifluoride.
563. Hardy, Thomas Archer. Divalent carbon intermediates in some bridged polycyclic compounds.
564. Hanson, Gary Craig. Mechanistic study of some internal substitution reactions and a substitution at sulfur.
565. Huang, Tzer-hsiang. Infrared and Raman spectra of solid phosphine.
567. Stevenson, Brian Keith. Carbonium ion intermediates in the tetracyclo [4.3.0.2,4,03+7] and tetracyclo [4.3.0.02,4,03,8] nonane ring systems.
568. Ziebarth, Timothy Dean. Reactive intermediates in the tetracyclo-[3.3.0.02,4,03,7] octane, the tetracyclo-[3.3.0.02,4,03,7] octane, and related ring systems containing the norbornane skeleton. 1974 - Doctors
570. Curtis, David Ballantyne. A chemical study of the minerals from L-6 chondritic meteorites.
571. DeJong, Gary Joel. High intensity pulsed hollow cathode lamps.
572. Groening, Hugo Rafael. The structure of the fission transition nucleus 227Ra.
573. Li, Thomas Hoi-chow. Part I. Synthesis and Cope rearrangement of some substituted
hexadienes. Part II. Formation of N-phenyl and N-methyl pyridinium salts from 1, 7-diaza-1, 3, 5-heptatrienes.

574. Newkirk, David Dudley. Intramolecular transfer of complexed radicals as a possible explanation for long range substituent effects observed in hydrogen abstraction reactions.

575. Shen, Quang. Electron diffraction investigations. I. The molecular structures of the gaseous group III halides \( \text{Al}_2\text{Cl}_6, \text{Al}_2\text{Br}_6, \text{Al}_2\text{I}_6-\text{Al I}_3, \text{Ga}_2\text{Cl}_6, \) and \( \text{Ga}_2\text{Br}_6-\text{GaBr}_3 \). II. The gaseous equilibria \( 2 \text{NO}_2 = \text{N}_2\text{O}_4 \) and \( 2\text{GaBr}_3 = \text{Ga}_2\text{Br}_6 \).

576. Shum, Yin-sang. Atmospheric trace elements and their application in tracing air pollution.

577. Starkovich, John Anthony. Electrode double layer measurements and voltammetry of some organosulfur compounds in sulfolane.


579. Van Leirsburg, Dean Alan. The interaction of \( \text{CO, N}_2, \text{NO}, \) and \( \text{O}_2 \) with fourth period metal dihalides.

1975 - Doctors


582. Lin, Crystal. Concerted dimerization reactions; cis-1-phenyl-2-vinylcyclopropane in the Cope rearrangement.

583. Megy, Joseph Allen. Thermodynamic properties of the chloride and fluoride salts of zirconium and hafnium dissolved in molten salt solvents.


585. Miller, Ralph Edward. The rotational motion of molecules in crystalline solids.

586. Munzeley, Lewis Lee. Proton-neutron-hole states in antimony isotopes populated in the beta decay of \( 128\text{Sb} \) and \( 130\text{Sb} \).


1976 - Doctors

588. Arco, Manuel Jose. The synthesis of non-actic acid.

589. Bouchard, Sister Mary Joseph. The structure of the fission transition nucleus \( ^{235}\text{U} \).

590. Church, Daniel Frank. A study of the free radical addition of thiophenol to substituted \( \alpha \)-methylstyrenes and vinyl-arenes.

591. Ely, Stephen Robert. Novel lanthanide compounds with \( \pi \)-ligands. I. The reactions of lanthanum, neodymium and erbium atoms with cyclooctatetraene. II. The reactions of neodymium and erbium chlorides with the dicarbollide ion.


596. Lesiecki, Michael Louis. Spectroscopic studies of matrix isolated high temperature molecules.

597. Machida, Hisashi. A study of simultaneous diffusion of \( \text{Ca}^{2+} \) and \( \text{Sr}^{2+} \) in alkali chlorides.


599. Schick, Lawrence Edward. Thermal \( \pi \)-route rearrangement of 4-cycloheptane-1-methyl acetate.

600. Suzuki, Edward Masaru. Spectroscopic studies of matrix isolated molecules; I. The fluorosulfate radical. II. cis-3, 4-dichlorocyclobutene. III. Cyclobutadiene.

1977 - Doctors

601. Delphrey, Craig Edward. 1,2-divinylcyclohexenes: synthesis and thermal rearrangement studies.

602. Furuta, Takuya. Approaches to the synthesis of penicillin.

603. Hutchinson, Larry Lee. Radical anions, radicals and anions. The formation and stereochemistry of alkyl lithium reagents from lithium 4, 4'-Di-tert-butylbiphenyl and alkyl halides.


605. Hamabe, Ronald Massao. Effects of atmospheric pressure on line widths and spatial distributions of the transient atomic absorption signals of minor constituents in metal samples atomized by a dye laser microprobe.


607. Ruesay, Ronald Joseph. The retro-ene reaction of 2-vinylcyclohexanols and approaches to the synthesis of botryococcene.
608. Smith, Steven Reid. Gas phase x-ray photo-electron spectroscopy of compounds containing multiply-bonded oxygen.


610. Wilson, Robert Loren. Design, development and optimization of a fluorometric reaction-rate instrument and method of analysis for metal ions.

CHILD DEVELOPMENT
SEE Elementary and Secondary Education
Family Life Department
Home Economics Education

CIVIL ENGINEERING DEPARTMENT
(includes: construction management)
SEE ALSO Agricultural Engineering Department
Industrial and General Engineering
Systems Department

1971 - Masters


613. Chu, Eddy Tak-hing. Effects of imbedded perforated pipes on permeability of gravelly streambeds.


615. Houck, George Campbell. The use of polymers for better settling in domestic waste treatment systems.

616. Khayjarernpanishk, Thanasarn. Stress-strain-time relations for a compacted residual soil.


1972 - Masters

619. Chasse, James Peter. Behavior of stream inflows to a stratifying field reservoir.

620. Conner, Dan Alan. Relationships between seasonal suspended sediment behavior and reservoir turbidity.

621. Helland-Hansen, Erik Andreas. Stability of gravel at artificially created spawning beds in uncontrolled streams.


623. Smith, Stanley Allan. Spatial, dieal and seasonal variations in dissolved oxygen and temperature within a stratified lake.

1973 - Masters


626. Plasker, James Robert. An evaluation of the cubic autotape under dynamic conditions.


628. Touhey, Robert James. Biodegradability and oxygen uptake studies on resuspended estuarine bottom sediments.

1974 - Masters


631. Dodds, Donald J. A manual for plate loading tests performed on rock.

632. Kao, Yeoung Ting. Consolidation characteristics of calcareous deep sea-floor sediments from the Panama Basin.


634. Teeng, Ying-chuan. Modeling hydraulic dredge spoil fate.


1975 - Masters


638. Huber, David S. Large scale model testing of the FMC submerged wave attenuation device.


644. Pyles, Marvin Russell. Disposal of sandy pipeline dredge spoils 'by and dumping.

645. Rippe, Arlan H. Settlement predictions for normally consolidated alluvial silt.


647. Utt, Michael Ernest. Seasonal variations in tidal dynamics, water quality and sediments in the Siuslaw Estuary.

1976 - Masters


649. Charbeneau, Randall Jay. Ambient current effects on vertical selective flow withdrawal in a two layer reservoir system.

651. Hafen, Blaine. Forces on a transverse circular cylinder in a steady uniform flow near a plane boundary.

652. Hansen, Larry Bruce. The wastewater treatment characteristics of a rotating flighted cylinder.


654. Hoffman, Eldon Randall. Fate of ammonia volatilized from a confinement livestock facility.

655. Sing, Gerald Lum. Computer model: mass transfer from single rising gas bubbles in water.

656. Wright, James Christopher. Wave forces on a horizontal circular cylinder near a plane boundary.

1977 - Masters


658. Noble, Scott Morgan. Use of benthic sediments as indicators of marine flushing.


1971 - Doctors

660. Domínguez, Richard Frank. The static and dynamic analysis of discretely represented moorings and cables by numerical means.


1972 - Doctors


1972 - Doctors


666. Lertliakana, Voravit. Finite element analysis of culverts under embankments with time dependent and non-linear properties.


668. Polensek, Anton. Static and dynamic analysis of wood-joist floors by the finite element method.

1974 - Doctors


1975 - Doctors

671. Cameron, George Richardson. Displacement response of transmission line conductors during random wind gusts.

672. Currie, James William. A model for simulating river and reservoir temperatures with applications for anadromous fish management.


1976 - Doctors


675. Su, Chong-guang. Hydraulic functions of soils from physical experiments and their applications.

1977 - Doctors


CLOTHING, TEXTILES, & RELATED ARTS DEPARTMENT

SEE ALSO Home Economics Education

1971 - Masters

677. Ashley, Carol Ann. Relation of selected seaming methods and threads to the breaking strength and elongation of seams in a polyester double-knit fabric.


679. Burridge, Judith Ann. Comparison of instructional television and audio-tutorial methods with the traditional method of teaching body measurement, pattern alteration, and garment fitting.

680. Miller, Anne Elaine. A comparison of the experimental and the existing elementary clothing construction courses at Oregon State University in terms of student background and achievement in factual knowledge.


1972 - Masters

683. Horn, Mona Jean. The Kwakiutl version of the Chilkat blanket on Vancouver Island, British Columbia.

685. Kim, Jae Soo. Effect of selected methods of abrasion on certain physical properties of high wet modulus rayon.

686. Lauritzen, Chrisanne Clark. Innovativeness in clothing and textiles as related to adoption leadership, venturesomeness, perceived sewing competence, and selected demographic factors.


688. Olstrem, Janet Marie. Satisfaction with clothing and personal appearance related to self-esteem and participation in activities among full-time homemakers.

689. Park, Jae Hyun. The variations and use of the fret, swastika, Shou and Hsi motifs in Chinese textiles.

690. Sim, Sung Sik. Physical properties related to the serviceability of certain lining fabrics.

691. Snyder, Janet Lovseth. Clothing behavior of adolescents in an economically disadvantaged rural community.

1973 - Masters

692. Cross, Miriam Helen. Factors associated with selection of apparel items worn in horse show competition.

693. Lathrop, Nadine Ruelle. Automation and mechanization in the apparel industry in the state of Washington.


695. O'Toole, Kathy Sue. Innovators and non-innovators in furniture purchase compared on their creativity, change orientation, and social participation.


1974 - Masters

697. Dersch, Fay Avis. The relationship of time orientation to selected clothing variables measured among tenth and twelfth grade high school girls.


699. Maksara, Margaret Ann. Screen printing on tensioned warps in handwoven fabrics.

700. Reed, Julie Jirel. Macedonian women's festival dress of the areas Skopska Crna Gora and Skopska Blatija.

701. Reppeto, Marjorie Converse. The use of contemporary textiles in liturgical vestments in Episcopal churches of the West Coast.

1975 - Masters


705. Karchner, Grace Joan. Dresses of Mormon girls, ages one to twelve, in the Great Salt Lake and Utah Valleys from 1847 to 1896.

1976 - Masters


708. Godard, Jean Goyer. Medieval domestic furniture of the fourteenth and fifteenth centuries in England, France, and the Low Countries as portrayed in selected manuscript illuminations.


710. Shaw, Linda Louise. Social motivation and clothing selection problems of the classic achondroplastic dwarf.

711. Stillings, Karen Lee. Inmate satisfaction with correctional institution clothing.

1977 - Masters

712. Hall, Terry Lynn. Success in a clothing construction course and self esteem in a women's penal institution.

713. Hsu, Jui-Ling. Comparison of strength, elongation and evenness of selected types of polyester sewing threads.


715. Meier, Rebecca Anne. Analysis of factors influencing creativity displayed through clothing construction projects.


1971-1977 - Doctors

none

COLLEGE, UNIVERSITY TEACHING & ADMINISTRATION

(includes: college student attitudes & values, college & university administration & teaching).

SEE ALSO College Student Services Administration Counseling & Guidance Industrial & General Engineering Systems Department (Ghaifari, Ebrahim #1772)

1971-1977 - Masters

none

1971 - Doctors

Theriault, Donald Paul. A comparison of groups of students and faculty at Oregon Technical Institute with reference to their perception of the college environment.

1972 - Doctors

Fretwell, David Herbert. Analysis of selected factors relating to academic success, utilization of training and return home of Latin American students who have graduated from the California State College system.

Rye, Jack Clinton. Some characteristics of selected freshman [sic] identified as certain or uncertain about their choice of academic majors at the time they enrolled in Oregon State University fall term, 1970.

Watson, Herbert Witherspoon. The relationship self-actualization and an individualized field centered undergraduate teacher-education program.

1973 - Doctors

Coles, Donald James. An exploration of current specific morals, values and beliefs of parents, students and faculty at a church-related college.

Heisler, Mary Kathryn. Factors which differentiate United States students who wish to study in cross-cultural educational programs.

Paeth, Jr., Charles August. A Likert scaling of student value statements, field independence, and experimentally induced change.

Scharff, Charles Eldon. A study of the ability of verbally creative teachers to identify verbally creative students.

Stutler, Douglas Lee. The interrelationship between academic achievement of college freshman women and measures of anxiety and ability.

1974 - Doctors

Petry, Larry L. Linguistic foundations and cultural diversity for the teacher education program at Oregon State University; an instructional system.

1975 - Doctors

Barnhill, Gratton Allen. The relationship of marital status and sexual identification of university students to eleven attitudinal variables.

McCorm, Marlin Richard. Native American programs as socio-cultural adaptive mechanisms to the college environment: a case comparison of the University of Oregon and Oregon State University.

Taylor, William Lawrence. A study of perceived and preferred ratings of institutional goals and priority rankings as viewed by faculty, students, and administrators at Oregon State University.

Vennewitz, Peter Jan. A study to determine the effects of a college human sexuality course upon student sex knowledge and attitudes toward selected sexual topics.

Young, Leon C. The effects of advance and post organization on the learning and retention of prose material.

1976 - Doctors

Berger, William Robert. Study of student values as an index for determination of the feasibility of adding Liberal Arts major and minor programs to the Bible College curriculum.

Kenyon, Stanley Jay. The effectiveness in fulfilling the stated goals of a teacher education program as evaluated by graduates of that program.

Wimmer, William Eugene. Effects of a program of study skills instruction on the attitudes of a disadvantaged group of college freshmen.

Yon, Moon-hee. A study of the personal values of Korean college student activists and non-activists and their perceptions of values of Korean government leaders.

1977 - Doctors


COLLEGE STUDENT SERVICES ADMINISTRATION

(includes: college unions, student activities administration, residence halls administration and activities, financial aid administration, student government)

1971 - 1974 - Masters

none

1975 - Masters

Morton, David Len. Residential peer pressure on male freshmen to participate in organized intramural sports at Oregon State University.

1976 - Masters

none

1977 - Masters

Abbott, Kaye Glenda. Value differences in university living groups.

1971 - Doctors

Gassert, Leland Calvin. A comparative study of the perceptions of the university environment of candidates for student government positions and other students and the effects of the election experience upon those perceptions.

Kane, John Galvin. A comparative study of academic success and other selected characteristics of financial aid and non-financial aid recipients at Winona State College.

Sanderson, Donald Hay. A comparison of selected characteristics of the university as perceived by male and female elected student residence hall leaders and non-leader residence hall students.
743. Underwood, Arthur Grant. A longitudinal study of selected changes in the perception of the university environment as held by students who participate in two forms of university governance.

744. Wangen, William Ross. A comparison between the attitudes of male residence hall students and student leaders toward specified acts of student behavior.

1972 - Doctors

745. Miller, Robert Allen. A comparison of changes in the perception of the university environment by freshmen students who reside in coeducational and in single-sex residence hall.

1973 - Doctors

746. Fields, Charles Robards. The influence of aid awards on the educational decisions of applicants for freshmen year financial aid at Oregon State University.

1974 - Doctors

747. Niblack, Mason L. Comparisons among students, parents, and faculty regarding perceptions of philosophical positions for student personnel services.

1975 - Doctors

748. Stanaway, Timothy John. A study of the frequency of utilization of the Oregon State University health services in relation to selected characteristics of students.

1976 - Doctors

749. Frichette, Steven Roger. Factors associated with the social climate of single-sex and coeducational residence halls, cooperatives, fraternities, and sororities, on the Oregon State University campus.

1977 - Doctors

750. Hayden, James Reynolds. A comparison of junior and senior high school student attitudes with faculty attitudes toward purposes, functions and responsibilities of the student council.

1977 - Doctors

751. Campbell, Roger Gray. Attitudes of selected undergraduate students at Oregon State University toward the professional status of student personnel workers.

752. Maples, Mary Finn. Relationships between work values and job satisfaction among college student personnel workers.


COMMUNICATIONS ENGINEERING
SEE Electrical and Computer Engineering Department

COMMUNITY COLLEGE EDUCATION
SEE Adult, Community College, and Community Education

COMPUTER SCIENCE DEPARTMENT
SEE ALSO Electrical and Computer Engineering Department

1971 - 1972 - Masters


1974 - Masters


1975 - Masters


1976 - Masters


1977 - Masters


1977 - Masters

759. Elliott, Jimmie Lynn. Computer performance and evaluation utilizing the resource planning and management system.

760. Nelson, Jr., Cecil L. A software package for an intelligent graphic display terminal.


1977 - Masters

762. Colby, Jonathan Axford. The FLEX/REFLEX paradigm and its application to computer programs.

763. Harney, Donald William. An implementation of a parallel processing package in LISP.


1971 - 1974 - Doctors


767. Osborne, Martin. A modification of Veto logic for a committee of threshold logic units and the use of 2-class classifiers for function estimation.
COUNSELING & GUIDANCE
(includes: student self-concept, self-actualization, self-realization, educational psychology; personnel services in higher education)

SEE ALSO College & University Teaching & Administration
Family Life Department (Fordyce, Wendy Kyle, #1078)

1971 - 1977 - Masters

768. Clausen, Robert David. The effects of group counseling on selected attitudes of economically disadvantaged high school age youth in a residential setting.

769. Erickson, Joan Elizabeth. An evaluation of the effectiveness of guidance assistants in selected school guidance programs in Oregon.

770. Shirts, Elmo Bryant. Effects of the self-consistency principle of behavior change and the retroflexive reformation process of group counseling on the academic achievement and behavior of selected high school students.

771. Standish, John Thomas. The use of tape-recordings to train counselors in the use of specific verbal communication skills.

1972 - Doctors


774. Shoemaker, William Files. Changes in measured self-actualization as influenced by a group counseling procedure.

775. Wills, Byron Steiner. The identification of variables discriminating between groups differing in level of self-actualization through the use of multiple discriminant analysis.

1973 - Doctors


778. Mitzel, William John. The role and function of the counselor as seen by selected counselor educators, counselors, principals and counselor trainees in the state of Oregon.

1976 - 1977 - Doctors

779. Penn, John Roger. Values and attitudes as measures of intergenerational differences.


1974 - Doctors

782. Copeeland, Elaine Johnson. Peer counselor effect on the self concept and academic adjustment of educational opportunity students who participated in group counseling.

783. Lindley, Raymond Earl. Expectations of standard normed, basic normed and non-normed counselors in Oregon's secondary schools concerning counselor tasks.


785. Wiley, Robert Charles. Self actualization of students participating in the junior block teacher education program at Oregon State University.

1975 - Doctors

786. Crafts, Gretchen. The effect of group counseling on self-concept and reading improvement of selected community college students.

787. Erickson, Charles Franklin. The influence of background, peers, and faculty on the development of autonomy in college freshmen.

788. Flora, Thomas George. Attitude toward parents as a dimension of reverse transfer.

789. Flora, Rosalind Reed. The effect of parent and adolescent self concept upon adolescent's perceived communication with parents.


793. Westrum, Helen J. Self concepts of gainfully employed women in two colleges in Washington State.

1976 - Doctors

794. Jones, Janet Lynn. Perceptions of OPGA-OSCA services and activities by members who are Oregon public school counselors.

795. Roberts, Charles Varner. An investigation of the effect of a college group laboratory experience in measured levels of self actualization and interpersonal compatibility.

1977 - Doctors

796. Beller, Stephen Mark. An investigation into the possible arousal of psychological reactance as a consequence of interest inventory feedback.
797. Edberg, Patricia Tanner. The development of masculine sex role stereotypes: sex differences in verbal interruptive behavior between first grade students and male and female teachers.

798. Millikin, Norman Leo. Self concept: a comparison of four groups of university students.


800. Trotzky, Arthur Seth. An investigation to determine the existence of sex bias in counselor-trainee responses to a video-based simulation.

801. Welle, J. Janice. The concept of the helping relationship in school counseling: a philosophical analysis.

802. Willis, JoAnn. Trained peer counselor effect on the personal growth of freshman students at a private, Liberal Arts college.

CROP SCIENCE DEPARTMENT

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1971 - Masters


804. Bresciani, Juan Carlos. The examination of seed yield potential in certain genotypes of birdfoot trefoil (Lotus corniculatus L.).

805. Kim, Dal Ung. An evaluation of creeping habit in various progenies of red fescue (Festuca rubra L.).

806. Kirkland, Kenneth. Effect of two methylcarbamates on the toxicity of isopropyl-m-chlorocarbanilate (chlorpropham) to safflower (Carthamus tinctorius L.) and common buckwheat (Fagopyrum esculentum Moench.).

807. Locatelli, Eduardo Attilio. The effects of atrazine on growth of flax (Linum usitatissimum L.) plants and on yield, chemical composition and germination of flax seeds.

808. Plaza, Cesar Alejandro. Some principles and guidelines for the establishment of an agricultural experiment station.

809. Pollak, Tomas. The effect of 2,4'-dinitro-4-trifluoromethyl-diphenylether (C-6989) on beans (Phaseolus vulgaris L.) under certain soil and light conditions.

810. Radosevich, Steven Robert. Foliation applications of terbacil to peppermint (Mentha piperita) and several weed species.

811. Samphantharak, Krisda. The influence of variety, plant population and planting date on corn silage production.

1972 - Masters

812. Aldridge, Jack Clifton. Factors affecting selective control of wild oat and downy brome in wheat by trifluralin.


814. Haight, John Colson. Presoaking and drying treatments to improve the performance of orchardgrass and bluegrass seed.


816. Olson, Phillip David Leroy. Interaction of cycloate with postemergence herbicides on sugarbeets and weeds.


1973 - Masters


819. Brewster, Bill Densmore. The control of colonial bentgrass (Agrostis tenuis Sibth.) with N-(phosphonomethyl) glycine.


822. Colbert, Donald Robert. Factors influencing wild oat control with N-benzoyl-N-(3,4-dichlorophenyl)alamine (93 30035).


824. Mulanax, Matthew William. The effect of defoliation and nitrogen application on the seed yield of Linn perennial ryegrass (Lolium perenne L.) and Merion Kentucky bluegrass (Poa pratensis L.).

825. Onul, Taylan. Stimulation of bluegrass seed germination by soaking and drying treatments.

826. Solen, Polat. Heritability estimates and associations for protein content and grain yield involving four winter wheat crosses (Triticum aestivum Vill., Host).

1974 - Masters


828. Garay, Adriel E. Physical characteristics of crownvetch (Coronilla varia L.) seeds associated with viability and hardseededness.


1975 - Masters

830. Costa, Jaime. Comparisons of morphology and susceptibility to herbicides of two yellow nutsedge (Cyperus esculentus L.) varieties.

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831. De Barros, Manoel Bernardo. Identification of species and varieties of ryegrass (Lolium spp.).

832. Gabela, Francisco Jose A. Biology of mud-plantain (Heteranthera reniformis Ruiz et Pavon) and its control in flooded rice.

833. Güler, Mengü. Yield and other agronomic characters of winter wheat cultivars as affected by five seeding rates and three different environmental conditions.

834. Indelen, Erdogan. Performance of five winter wheat cultivars when grown in composite and pure stand populations under different environmental stresses.

835. Olson, David Lloyd. The soil persistence and crop selectivity of 3, 6-dichloropicolinic acid.

1976 - Masters

836. Ayres, Thomas Arthur. Yield, quality characteristics, and composition of Limnanthes alba seed as affected by rate, source, and date of nitrogen application.

837. Durutan, Nedret. Effect of timing and rate of contribution on wheat and barley cultivars and on Italian ryegrass.

838. Harris, James Otwell. The agronomic, environmental, and economic implications of the introduction of terbacil for weed control in Oregon commercial peppermint operations.


840. Ivackovich, Branislav D. The herbicide HOE 23408; soil persistence, spring wheat cultivar tolerance, and interaction with broadleaf herbicides.

841. Majek, Bradley Alan. Asulam in western Oregon pastures: broadleaf dock control and tolerance of important grass and legume species.

842. Pehlivantürk, Alpaslan. Effect of soil temperature, seeding date, and straw mulch on plant development and grain yield of two winter wheat and two winter barley cultivars.

843. Tezel, Cengiz. Competitive effects and control of weeds in winter wheat on the Anatolian Plateau, Turkey.

1977 - Masters

844. Aktan, Salman. Nitrate nitrogen accumulation and distribution in the soil profile during a fallow grain rotation as influenced by different levels of soil profile moisture.

845. Fino, Antonio Carlos. Physiological and biochemical characteristics of two cultivars of tall fescue (Festuca arundinacea Schreb.) under different environmental conditions.

846. Yakar, Kamil. Association and inheritance of earliness and winterhardiness in four winter x spring wheat crosses (Triticum aestivum Vill., Host).

847. Akhavein, Ali Asghar. Effects of 2-chloroethylphosphonic acid (Ethrel) and selected environmental factors on growth of quackgrass (Agropyron repens L.(Beauv.)) and field bindweed (Convolvulus arvensis L.).

848. Akobundu, Ishmael Okemie. Effect of chlorophrom on vegetative and reproductive development in chewings fescue (Festuca rubra L. subsp. commutate Gaud.).


851. Force, Donald Wallace. Factors affecting underdeveloped and empty fruits of monogerm sugarbeets (Beta vulgaris L.).

852. Gibeault, Victor Andrew. Perenniability in Poa annua L.


854. Güneyli, Ercan. Factors affecting the action of 1,8 naphthalic anhydride in corn treated with s-ethyl dipropylthiocarbamate (EPTC).

855. Lopez, Herman. Chemical and physical factors in the kinetics of herbicide penetration into plants.

856. Mackenzie, John William. Chemical control of Elodea densa Planch. and other submerged aquatic plants as influenced by several environmental factors.

857. Moutray Jr., Jim B. An examination of seedling vigor and the effects of genetic diversity of response to heterosis in tall fescue (Festuca arundinacea Schreb.).

858. Wiesner, Loren Elwood. Temperature preconditioning of ryegrass (Lolium sp.) seed dormancy.

1972 - Doctors

859. Colbert, Floyd Oral. Sorption and phytotoxicity of triazine herbicides in neutral and calcareous soils.


1973 - Doctors

862. Boyce, Kevin Gilbert. Seed dormancy in tall fescue (Festuca arundinacea Schreb.); acquisition, effect on metabolic processes and relief by temperature and growth regulators.

863. Callihan, Robert Harold. Physiological and agronomic response of potato periderm russetting to measures for control of common scab.

864. Kim, Dal Ung. Heritability estimates for seed and plant characteristics in white clover (Trifolium repens L.).
Kim, Syng Chul. Influence of post-harvest burning, thinning, shading and residue management on the subsequent growth and seed yield of Festuca rubra L.

Kirkland, Kenneth. Reduction in atrazine toxicity to winter wheat by the growth retardant CCC.

Radosevich, Steven Robert. Differential sensitivity of two common groundsel biotypes (Senecio vulgaris L.) to several s-triazine herbicides.

Ebeltoft, David Charles. Utilization of the night-interruption phenomenon to hasten the seed increase of long-day cereals during short-day regimes in California and Arizona.

Fechtig, Allen David. The effect of 2,4-D on the respiration rate and ethylene production of Bartlett pears and Red Delicious apples.


Hile, Mahlon Malcom Schallig. Physiology, quality, and agronomic performance of snap beans (Phaseolus vulgaris L.) and spring wheat (Triticum aestivum L.) as affected by environmental and several plant growth regulators.

Suttner, Donald Lee. Alfalfa cutting management in the Columbia Basin.

Alcalá de Stefano, Maximo. Evaluation of parental performance for grain yield in two populations of wheat (Triticum aestivum Vill., Host).

Barzee, Milton Arlo. Physiological and biochemical factors related to the differential toxicity of 3, 5-dibromo-4-hydroxy-benzonitrile in winter wheat (Triticum aestivum L.) and coast fiddleneck (Amsinckia intermedia Fisch & Mey).

Daaloul, Abderrazak. Genetic and environmental factors influencing the effectiveness of early generation selection in a diallel cross involving four winter wheat cultivars (Triticum aestivum Vill., host).

Keim, Don Lee. Adaptability of winter wheat cultivars to dryland conditions and their response to water stress.

Samphantharak, Krisda. Nitrate reductase activity and inheritance of grain protein in six barley cultivars (Hordeum vulgare L. and Hordeum distichum).

Subhanij, Thiravira. The heritability of agronomic characteristics in tall fescue (Festuca arundinacea Schreb.).


Maya de Leon, Jose Luis. Combining ability and associations of agronomic traits involving three sources of dwarfism in wheat (Triticum aestivum, L. em Thell).

Paller Jr., Enrique C. The effects of N-1-Naphthlpthalamic acid on growth of yellow nutsedge and its control with N-Phosphonomethyl glycine.


Roberts, Donald Day. Genetic variability and association between agronomic and quality characteristics in twenty-nine female genotypes of Humulus lupulus L.

Somabhi, Montien. Interaction between glyphosate and certain s-triazine herbicides.

Stanwood, Phillip Charles. Relationships between net carbon exchange and associated environmental and physiological factors in soft white winter wheat (Triticum aestivum L.)


916. Riese, Keith Alfred. Control of interconnection-limited sequential machines.


920. Thinh, Nguyen Hoang. Calculation of axial mode separation of a semiconductor laser from reflectance spectrum.

921. Thurein, Ingo Paul. Automatic time correction for interconnected power system operation.

1971 - Masters


924. Crane Jr., Albert Sears. The high frequency performance of a Schottky diode detector.

925. Heuch, Knut. Real time predictive control of a generating system using hybrid computer and a fast time adaptive model.


931. Parhami, Behrooz. Stochastic automata and the problems of reliability in sequential machines.


933. Wang, Kai-yuan. Vacuum deposition of silicon monoxide see-through masks.

1972 - Masters


936. Charnholm, William Harold. Design and evaluation of an adaptive element which compensates for deadband as applied to a guidance system.


940. Evans, Donald LeRoy. Direct digital speed control system for a DC motor using a minicomputer.

941. Hotrabhavananda, Kajornsak. Transmission line tower location by digital computer methods using a parabolic approximation.


1973 - Masters

945. Ayres, William Alan. Interfacing a fluorescence anisotropy spectrophotometer to a PDP-8/E computer.

946. Calligan, Christopher Cram. A parametric analysis of the capabilities of undersea acoustic imaging.

947. Dills, Gerald Frederick. Hall-effect devices for instructional use.


949. Limvorapun, Thawee. The MOS tetrode transistor.

950. Loa, Vicente Dy. Logical design of a small digital computer using ROM in the arithmetic unit.

951. Lun, Kei-leung Albert. System design of a hardware Fortran compiler.

952. Meesajjee, Chulit. The evaluation of data file access methods for an on-line information system.

953. Nakagawa, Takemi. Study on p-n junction gallium arsenide avalanche photodiodes.

954. Shah, Champaclal C. An interface of a magnetic disc for a PDP-8/L computer system.

955. Sun, Keong-Wah. Comparison of rounding errors, CPU time and memory requirements of eleven integration formulas.


957. Yu, Ting Kwong. The equivalence of regular expressions.

1974 - Masters


962. Eghbal, Hassan J. The identification of Dungeness crab from the power spectral density function of their acoustic signature.
960. Cross, Carlton Edward. Analysis of postural dynamics in the dog.

961. Shimoda, Raynor Yoichi. Investigation of electric field-induced optical absorption changed in CdS.

962. Tao, David Ming-Shih. A complementary MOS random-access-memory cell with double-diffused MOS transistors.


964. Johnson, Norman Leland. An erasable MOS read-only memory.


967. Meesajjee, Chulit. Preliminary design of the RTAF command and control two-level parallel computing system.


971. Chong, Hoi-yeung. Information processing errors in linear feedback control systems.

972. Eghbali, Hassan. Digital techniques for change detection from remotely sensed data (Landsat-imagery).


977. Ruhl, Anthony Joseph. The compared perceptions of a senior high school by teachers and students as measured by the Stern High School Characteristics Index.


980. Tait, George James. A description of the processes and procedures used in the development of a merit-evaluation program for a middle-sized school district.

981. Coon, George Laus. An assessment of the change in the learning environment as perceived by junior high students whose teachers are participating in a field-centered teacher-education program.


988. Walker, Thomas Jerry. An analysis of certain effects of teaching students to construct and analyze questions.


991. Holloway, Richard Eugene. A study of the career education competencies considered needed by elementary and junior high school teachers in selected schools in Oregon.


994. Martin III, Clifford Leslie. The relationship between the human development program and locus of control as measured by the intellectual achievement responsibility questionnaire using selected fourth grade students.


996. Perkins, Charlotte Jeanne. A study of perceptual correlates to roletaking ability with fourth through sixth grade children.


999. Young, Loy Wayne. An analysis of the comparative effectiveness of programmed multimedia teaching and traditional teaching of drug information to junior high school students.

1000. Orzech, Miriam Weitz. Attitudes of high school students toward three selected ethnic groups as affected by participation in an ethnic studies program.

1001. Ayers, Lawrence W. The effects of a summer institute for cultural awareness on the measured level of self-actualization of experienced teachers.


1004. Levenspiel, Mary Josephine. A study of the relationships between selected perceptual-motor behaviors and: achievement in reading; achievement in mathematics; classroom behavior; academic self-concept; and academic motivation for first and third grade boys and girls.


1008. Latham, Thoyd O. A comparative study of instructional goals and objectives for selected secondary cooperative work experience programs.

1009. Ling, Marcelene Smith. A study of classroom behaviors contrasting the behavior of children with auditory and visual screening ability with the behavior of children with poor screening ability in grades one through six.

1010. Sturm, Dieter Werner Fritz. The relationship of student teachers' work environment preference to verbal classroom behavior.

1011. Weinhouse, Donald S. The effects of auditory metronomic rates on addition performance of second-graders in Lindsay, California.

1012. Clukey, Darrell Frank. Comparing the performance between high school students with esteem needs and those with security needs in solving a problem through insight in a verbal learning situation.


1014. Pruit, Janet Louise McCracken. The readability of selected fourth, fifth and sixth grade social studies textbooks as determined by the Fry Readability Graph and group informal reading inventories.

1015. Tao, Lucia Chia-yao. The Nearctic leafhoppers of the Sorhoanus complex (Hemiptera: Cicadellidae).


1018. Sawbridge, Jane Rosamund. The leafhopper genus Giprus (Hemiptera: Cicadellidae).


1022. Reeves, Daniel Hart. The response of scutigerella immaculata to naturally occurring chemical stimuli.


1024. Yeh, Fu-meei. Ribosomes and protein synthesis in the fat body of Leucothae maderae (Fab.).


1026. Mikesell, Janet May Smith. Biological studies of Eriosoma prycla with particular emphasis on morph production.


1028. Vargas, Timothy Carl. Oil sprays to prevent the spread of bean yellow mosaic virus (BYMV) by aphids.

1029. Warner, Roderick Ward. The diel activity cycle of the adult alfalfa weevil, Hypera postica (Guill.), in Oregon.


1031. Fuwa, James Roderick. Biological attributes and alteration of the habitat to manipulate populations of Labops hesperius Uhler (Heteroptera: Miridae).


1033. Emeneeger, Donald Brian. Biology and population regulation of the strawberry root weevil, Otiorychus ovatus (L.) (Coleoptera: Curculionidae).


1036. Swaby, James Archie. Acoustic and olfactory behavior of *Ips pini* (Say) (Coleoptera: Scolytidae) during host invasion and colonization.

1037. Turnbow Jr., Robert Harold. Prey consumption, survivorship and oviposition by adults of the bark beetle predator *Thanasimus dubius* Fabricius (Coleoptera: Cleridae).

1977 - Masters


1039. Mumtaz, Mohammad Moizuddin. Pheromonal communication in the western cherry fruit fly, with particular reference to oviposition.

1040. Oester, Paul Thomas. Sound production in three sympatric *Ips* (Coleoptera: Scolytidae) species co-inhabiting Sitka spruce (*Picea sitchensis*).

1971 - Doctors

1041. Hartman, Margaret Jane. The effects of four anticholinesterase compounds on the embryology of *Acheta domesticus* (L.) (Orthoptera: Gryllidae).


1043. Schombrod, Robert D. Biochemical properties of an endogenous inhibitor of house fly (*Musca domestica* L.) microsomal oxidations.

1972 - Doctors

1044. Allison, James Roger. Biology and behavior of the mite *Cheletomorpha lepidopterorum* (Shaw) (Prostigmata: Cheyletidae) and its role as a predator of a grain mite *Acarus farris* (Oud.) (Astigmata:Acaridae).


1046. Evans, Elvin D. A study of the Megaloptera of the Pacific coastal region of the United States.

1047. French, John Richard Joseph. Biological interrelationships between the Ambrosia beetle *Xyleborus dispar* and its symbiotic fungus *Ambrosiella hartigii*.

1048. Stock, Mary Wilford. Biological studies on *Saldula palustris* (Douglas) with emphasis on factors influencing wing pigmentation (Heteroptera:Saldidae).

1973 - Doctors

1049. Easton, Emmet Richard. A study of ticks (Acari: Ixodidae) and chiggers (Trombiculidae) from two areas in western Oregon.


1051. Reissig, William Harvey. The effects of synthetic juvenile hormone on the leafhopper, *Draeculacephala crassicornis*.

1052. Stoszek, Karol Josef. A contribution to the biology of the *Pseudohylesinus nebulosus* (LeConte) (Coleoptera: Scolytidae), especially in relation to the moisture stress of its host, Douglas-fir.

1053. Wernz, James George. Observations on the function and structure of the tritosternum of selected mesostigmatid mites.

1974 - Doctors


1055. Musgrave, Carol Ann. Biological and morphological studies of the *Scaphytopius acutus* complex (Homoptera: Cicadellidae).


1975 - Doctors

1057. Mathis, Wayne N. A revision of the genus *Notiphila* Fallen (Diptera: Ephydridae) from America north of Mexico.


1059. Speir, Jon Allen. The ecology and productivity dynamics of four black fly species (Diptera: simulidae) in western Oregon streams.

1976 - Doctors


1062. Sawbridge, Jane Rosamund. The leafhopper genus *Tiaja* Oman (Homoptera: Cicadellidae), with a contribution to the biosystematics of the group.


1070. Malberg, Verne Marjorie. A comparison of the interpersonal behavior and perceived parental behavior of male drug abusers and non-users.


1072. Frost, Nancy Sanger. Intelligence, creativity and sex-role preference among preschool-aged children.


1075. Severeide, Rebecca C. Relationship between creativity and independent or autonomous behavior among preschool-aged children.

1076. Spitze, Gail Ann. Selected aspects of contraceptive behavior in sexually active college students.

1077. Szulewski, Karen Reed. Homogeneity of test items in the film test for understanding behavior.


1079. Hartness, Helen Thun. Analysis of dating decisions made by college freshmen women while random and steady dating.

1080. Sugawara, Alan Iwao. Sex role discrimination and preference in preschool-aged children.

1081. Volenski, Leonard Thomas. Parental attitudes and children's social behavior

1082. Strong, John Ray. Association between personality characteristics and an orientation to conflict resolution with a general systems interpretation.

1083. Owen, Lois Darling. Father's nurturance as related to social class and authoritarianism.

1084. Edelbrock, Craig. Sex role discrimination, preference, and confirmation in preschool aged children.

1085. Gentry, Sally A. Sex role stereotypes and children's memory for story content.

1086. Pettygrove, Willa Bowman. A reliability and validity study of a measure of preschool competence.

1087. Schmall, Vicki Flagan. Impact of a human sexuality course on university students' knowledge, attitudes, and acceptability of sexual behaviors.
1090. Herron, Carol. Differentials among single-unit owner-occupied homes recently remedied in Corvallis, Oregon.

1091. Holyoak, Arlene. Use of consumer credit for purchases made by high school students in Klamath Falls, Oregon.

1092. Sandoval, Lou Ann. A study of differentials related to renting and owning mobile home sites, Shasta County, California.

1093. Wagner, Jeanette. Comparison of the uses of living and family rooms in houses built from two floorplans in Corvallis, Oregon.

1973 - Masters

1094. Pulley, Mary. Financial management practices of a selected group of retired couples.

1974 - Masters


1096. Lowry, Helen Joanne. Expenditure differentials of selected urban families receiving AFDC assistance.

1097. Tam, Marilyn. Case studies of the resource base of low-income rural families in Oregon.

1975 - Masters


1099. Ebert, Roberta Vale. Cost differentials of owning versus renting shelter during the retirement stage of the life cycle.


1976 - Masters

1101. Sudo, Novuko. The use of community services and facilities by the elderly living in five types of housing in Corvallis, Oregon.

1977 - Masters

1102. Nofziger, Pansy. Case studies concerning financial planning of middle-aged families about retirement.

1978 - Masters

1103. Wright, Julie. The relationship of families' money management practices and their control of credit card use.

1971 - 1977 - Doctors

none

- FARM CROPS -

SEE Animal Science Department
Birds and Wildlife Department
Crop Science Department

- FISH AND GAME MANAGEMENT -

SEE Fisheries and Wildlife Department

- FISHERIES AND WILDLIFE DEPARTMENT -

1971 - Masters


1106. Ivanaga, Paul Mario. Effects of logging on the growth of juvenile coho salmon.


1109. Malouf, Robert Edward. Food consumption and growth of the larvae of the Pacific oyster (Crassostrea gigas).

1110. Stein Jr., Roy A. Social interaction between juvenile coho and fall chinook salmon in Sixes River, Oregon.


1113. Wentz, William Alan. The impact of nutria (Myocastor coypus) on marsh vegetation in the Willamette Valley, Oregon.


1972 - Masters

1115. Arhart, Dale Keith. Some factors that influence the responses of starlings to aversive visual stimuli.

1116. Brake, Lynn Alber. Influence of dissolved oxygen and temperature on the growth of juvenile largemouth bass held in artificial ponds.

1117. Chinn, Edwin Kan Kit. Transferrin variation and population differentiation in black-tailed deer.

1118. Eddy, Ronald Maurice. The influence of dissolved oxygen concentration and temperature on the survival and growth of chinook salmon embryos and fry.


1121. Oltermann, James Howard. Rare, endangered, and recently extirpated mammals in Oregon.


1973 - Masters


1125. Coykendall, Robert Laurence. The culture of crayfish native to Oregon.

1126. Everson, Larry Bruce. Growth and food consumption of juvenile coho salmon exposed to natural and elevated fluctuating temperatures.


1128. Hutton, Mark Irvin. The effects of water velocity, photoperiod and substrate on the survival and growth of subyearling Oregon crayfish (Paciasta trowbridgii) Stimpson.


1130. Juntunen, Erland Theodore. Toxicity of selected herbicides to the coho salmon Oncorhynchus kisutch (Walbaum) in comparative static and dynamic bioassays.


1133. Lund, Dennis Stuart. Laboratory studies on setting of the Pacific oyster Crassostrea gigas.

1134. McPherson, Barry Preston. Effects of methylmercury exposure on sea water adaptation of juvenile salmonids.

1135. Meehan, James Morgan. Pellet counts as a census and range-use technique for Columbia black-tailed deer.


1137. Palensky, John Robert. Influence of 2, 4-dichlorophenol on the flavor of fish.

1138. Rybock, James Todd. Use of otoliths to differentiate juvenile steelhead trout from juvenile rainbow trout in the lower Deschutes River, Oregon.

1139. Wurtsbaugh, Wayne Alden. Effects of temperature, ration, and size on the growth of juvenile steelhead trout, Salmo gairdneri.

1140. Zirges, Malcom Hartwell. Morphological and meristic characteristics of ten populations of blackside dace, Rhinichthys osculus subulatus (Girard), from western Oregon.

1974 - Masters


1142. Armstrong, David Allen. Some biological effects of the insecticide sevin on marine bivalves.


1145. Cramer, Steven Putman. The heritability of resistance to gas bubble disease of Columbia River fall Chinook salmon, (Oncorhynchus tshawytscha).


1147. Hutchins, Floyd Edward. Influence of dissolved oxygen concentration and swimming velocity on food consumption and growth of juvenile Coho salmon.

1148. Krygier, Earl Eldon. Distribution and reproductive biology of Crangon franciscorum (Stimpson) and Crangon nigricauda (Stimpson), in Yaquina Bay, Oregon.

1149. Liss, William John. The dynamics of exploited guppy populations exposed to dieldrin.

1150. Miller, Richard Arlen. The chronic toxicity of 2, 3, 7, 8-tetra-chloro-dibenzo-p-dioxin (TCDD) to five selected aquatic organisms.


1156. Wilson, Everett Frederick. The lethal and sublethal effects of a zirconium process effluent on juvenile salmonids.


1182. Furniss, Sean Barry. Migrational characteristics and survival rates of mallards banded at Malheur National Wildlife Refuge.


1185. Jackman, Siri Marion. Woodpeckers of the Pacific Northwest; their characteristics and role in the forests.


1187. Janik, Philip Joseph. Sociological, economic, and biological aspects of the deer hunting activity in Grant County, Oregon.

1188. Lindsay, Robert Bryan. Distribution and survival of coho salmon fry after emigration from natal streams.

1189. McKay, Donald Oren. Dynamics of a population of mountain cottontail rabbits in central Oregon.

1190. Meyers, Theodore Richard. Comparative susceptibility of juvenile salmonid fishes to infection with the glochidia of Margaritifera margaritifera (L.) (Pelecypoda: Margaritiferae).

1191. Mower, Barry Francis. Growth and production of salmonids exposed to a stabilized Kraft mill effluent in experimental stream channels.

1192. Parsons, David R. Time and energy budgets of a population of dippers (Cinclus mexicanus) during winter in the Cascade Range of Oregon.


1194. Rowan, Gerald Duane. Effects of temperature and ration size on the growth of juvenile Chum salmon, Oncorhynchus keta, in sea water.


1196. Suring, Lowell Howard. Habitat use and activity patterns of the Columbia White-tailed deer along the lower Columbia River.

1177. Vaughan, Michael R. Aspects of mountain goat ecology, Wallowa Mountains, Oregon. **1976 - Masters**


1179. Carlson, Anthony Ronald. Reproductive behavior of the threespine stickleback exposed to chloramines.

1180. Chilcote, Mark William. Genetic comparison of Deschutes River steelhead and rainbow trout at selected enzyme loci.


1183. Fushish, Charles Arthur. Relative resistance of the Coho salmon (Oncorhynchus kisutch) and the Chinook salmon (Oncorhynchus tshawytscha) to the parasitic larva (Glochidia) of the freshwater mussel (Margaritifera margaritifera).


1186. Lamperti, Larry Philip. Some effects of life stage, temperature, pH and alkalinity on life activity of inorganic chloramines to young Coho salmon (Oncorhynchus kisutch).

1187. Lind, Gordon Swanson. Production, nest site selection, and food habits of ospreys on Deschutes National Forest, Oregon.


1190. Sullivan, George Lamont. Evaluation of baits and baiting techniques for Belding's ground squirrels.

1191. Thompson, Bruce Carlyle. Evaluation of wire fences for control of coyote depredations.

1192. Woltering, Daniel Mark. Predator-prey interactions under the influence of ammonia. **1977 - Masters**


1194. Bieber, Glen F. Comparative behavior of the progeny of hatchery and wild steelhead trout (Salmo gairdneri).


1196. Clark, Sally Lynn. Effects of winter grazing by geese on ryegrass seed yield.

1198. Griffith, Dennis Bradley. Seasonal properties of the Coyote Scent Station Index.

1199. Kunkel, Clair Milton. Biology and production of the red-band trout (Salmo sp.) in four southeastern Oregon streams.

1200. Lebsack, Stephen Grant. Selected aspects of the pharmacodynamics of malathion in Cancer magister Dana.


1202. McCluskey, Daniel Calvin. DDT and reproductive success of bluebirds and house wrens in Northeastern Oregon.


1204. Meyerhoff, Roger Dean. Sediment characteristics and the trophic status of four Oregon lakes.

1205. Miles, Aaron Keith. Fall migration of mourning doves in the western management unit.

1206. Nicholas, Jay Woodburn. The feasibility of a consumptive wild trout sport fishery on the North Fork of the Middle Fork of the Willamette River.

1207. Passmore, Michael Forrest. Utilization of mineral sites by bandtailed pigeons.

1208. Reisenbichler, Reginald Ruben. Growth and survival of juvenile hatchery and wild steelhead trout, Salmo gairdneri, in streams.


1211. Solazzi, Mario Frank. Effects of inbreeding Coho salmon (Oncorhynchus kisutch).

1212. Steil, Deborah L. Effects of chlorinated biologically stabilized Kraft mill effluent on the mortality and growth of Coho salmon.

1213. Suzumoto, Bruce Kazuo. Relative resistances of three transferrin genotypes of Coho salmon (Oncorhynchus kisutch) and their hematological responses to bacterial kidney disease.

1214. Watkins, Bruce E. Evaluation of shrimp and crab processing waste as a feed supplement for mink (Mustela vison).

1215. Hanes, David Pink. Effects of pentachlorophenol on cultures of embryonic cells from Oncorhynchus kisutch.


1217. Lorz, Harold William. The effects of x-irradiation, diethylstilbestrol, and size at time of release on the early sexual maturation of Coho salmon Oncorhynchus kisutch.

1218. Reimers, Paul Edward. The length of residence of juvenile fall chinook salmon in Sixes River, Oregon.

1219. Roelofs, Terry Dean. Effects of dieltrin on the intrinsic rate of increase of the guppy, Poecilia reticulata Peters.

1220. Wagner, Harry Henry. The parr-smolt metamorphosis in steelhead trout as affected by photoperiod and temperature.

1972 - Doctors


1222. Iverson, Ronald Albert. Effects of elevated temperature on juvenile Coho salmon and benthic invertebrates in model stream communities.

1973 - Doctors

1223. Broderius, Steven James. Determination of molecular hydrocyanic acid in water and studies of the chemistry and toxicity to fish of metal-cyanide complexes.

1224. Lannan Jr., James Edmund. Genetics of the Pacific oyster; biological and economic implications.

1225. Schmidt, Dana Charles. An evaluation in rainbow trout of biliary excretion of sulfobromophthalein and effects of biliary excretion on the toxicity of rotenone.

1974 - Doctors


1227. Wilmot, Richard Lewis. A genetic study of the red-band trout (Salmo sp.).

1975 - Doctors


1229. Bisson, Peter Andre. Elevated temperature and the production of juvenile Chinook salmon (Oncorhynchus tshawytscha) in a model stream.

1230. Borton, Dennis Leland. Effects of primary treated and biologically stabilized Kraft mill effluents on the production, biomass and growth rates of juvenile salmonids in three stream channels.

1231. Emadi, Hossein. Culturing conditions and their effects on survival and growth of the crayfish Pacifastacus leniusculus trowbridgii (Stimpson).

1232. Haefner, James Welt. Generative grammars that simulate ecological systems.


1234. Ott, Alvin George. Cryopreservation of Pacific salmon and steelhead trout sperm.
1235. Schneider Jr., Philip William. Aspects of comparative neuromuscular physiology and pharmacology of black bass (Micropterus salmoides) as evidenced by the action of diisopropylfluorophosphate.

1236. Thatcher, Thomas Orlo. Some effects of dissolved oxygen concentration on feeding, growth and bioenergetics of juvenile Coho salmon.

1237. Williams, Steven Frank. Rearing conditions and their effects on growth, food conversion, and survival of English sole (Parophrys vetulus Girard).


1239. Kepshire Jr., Bernard Michael. Bioenergetics and survival of chum (Oncorhynchus keta) and pink (O. gorbuscha) salmon in heated seawater.

1240. Lindsey, Frederick Grier. Black bear population ecology.


1976 - Doctors

1242. Feldhammer, George Alan. Factors affecting the ecology of small mammals on Malheur National Wildlife Refuge.

1243. Gingerich, William Harold. Sulforhodamine disposition in rainbow trout (Salmo gairdneri) as influenced by carbon tetrachloride intoxication.


1247. Poon, Derek Clinton. Quality of salmon fry from gravel incubators.


FOOD AND DAIRY TECHNOLOGY
SEE Food Science and Technology Department

FOOD INDUSTRIES
SEE Food Science and Technology Department

FOOD SCIENCE AND TECHNOLOGY DEPARTMENT
SEE ALSO Foods and Nutrition Department

1971 - Masters


1251. Matthews, Roy Frank. The autoxidation of 2,4-decadienal.

1252. Steel, Ronald Edward. Shrimp processing waste as a pigment source for rainbow trout (Salmo gairdneri).

1253. Vasconcelos, George Joseph. Microbial flora of Pacific oysters (Crassostrea gigas) subjected to UV-irradiated seawater.

1972 - Masters

1254. Doster, Robert Charles. Acute toxicity and carcinogenic activity of ochratoxin in rainbow trout (Salmo gairdneri).


1256. Schoenhard, Grant Louis. Biological preparation of 14C labeled aflatoxin.


1258. Yang, Chang-soo. Effect of sucrose on the production of flavor compounds by yogurt culture bacteria.

1973 - Masters


1263. Huxel, Edward Thomas. Formation of N-nitrosopyrrolidine from various pyrrolidine ring-containing compounds at elevated temperatures.

1264. Jones, David James. Synthesis of the 2, 3, 3a, 8a-tetrahydro-2-hydroxy-furo [2, 3-b] benzofuran ring system, an aflatoxin moiety.

1265. Lieb, Andrew James. Accumulation of dietary polychlorinated biphenyl by rainbow trout (Salmo gairdneri).

1974 - Masters

1266. Ferguson, Thomas Lyle. Plasma cholesterol levels, atherosclerosis and liver damage in rabbits fed cyclopropanoic fatty acids.

1267. Patrick, Lui-san Kwan. Influence of commensal microorganisms on Clostridium botulinum type E.

1268. Rhee, Kie Ho. Dimethyl disulfide produced in sterile fish muscle by Pseudomonas putrefaciens.

1975 - Masters


1271. Kellems, Richard Owen. Feed conversion, protein utilization and growth of rainbow trout (Salmo gairdneri) fed 25 to 45 percent herring oil.

1272. Lehman, Michael Wesley. Alterations in growth, lipid metabolism and P:O ratios in mice fed Sterculia foetida oil.

1976 - Masters


1276. Larson, Peter Kebren. Some factors involved in the clarification of whey wine.


1977 - Masters


1280. Grieco, Mary Porter. Carcinogenicity and acute toxicity of dimethylnitrosamine in rainbow trout (Salmo gairdneri).


1282. Hotchkiss, Joseph H. Formation of Bis (hydroxyalkyl)N-nitrosamines as products of the nitrosation of spermidine.

1283. Kelch, William James. Drug resistance, source, and environmental factors that influence fecal coliform levels of Tillamook Bay.

1284. Timmerman, Conrad Dietrich. Heat and acid induced autolytic digestion of Pacific hake (Merluccius productus).

1972 - Doctors

1287. Amos, James Franklin. The influences of mold contamination, processing and maturity on the volatiles of the strawberry, Fragaria ananassa Duch.

1288. Benjamin, Namrod David. Purification and characterization of polyphenol oxidases of Royal Anne cherries (Prunus avium L.).

1289. O'Keefe, Patrick William. Identification of some neutral high boiling compounds in molecular distillates from cheddar cheese fat.


1973 - Doctors

none

1974 - Doctors

1291. Bishop, Paul Edward. Isolation and characterization of Bacillus subtilis mutants resistant to ethidium bromide and aflatoxin B1.

1292. Ivey, Francis James. The determination of n-nitrosoproline in cured meats.

1293. Schoenhard, Grant Louis. Aflatoxin B1 metabolism by rainbow trout (Salmo gairdneri).

1294. Struthers, Barbara Oft. Alteration of certain physiological and biochemical parameters in livers of rainbow trout fed methyl sterculate.

1295. Whiting, Richard Charles. Stability of rainbow trout (Salmo gairdneri) muscle lysosomes.

1975 - Doctors

1296. Decker, Carl David. Proteolytic activity in Pacific shrimp (Pandalus jordani) processing waste; distribution, effects on muscle proteins, and partial characterization.

1297. Hildrum, Kjell Ivar. Formation of N-nitrosamines from the nitrosation of spermidine and spermine.

1298. Warthesen, Joseph John. Formation of heterocyclic n-nitrosamines from the reaction of nitrite and selected primary diamines and amino acids.

1976 - Doctors

none

1977 - Doctors


1301. Walt, Marie Ann Rodgers. Properties of starch as related to the characteristics of starch-structured breads.


1303. Chou, Christin Chin. The lipid composition of canned and frozen shrimp.

1304. Covert, Donna Joyce. The effect of temperature and sodium chloride concentration on the survival of Vibrio parahaemolyticus in Trypticase soy broth and fish homogenate.

1305. Craig, Margaret Reilly. Responsibilities of and recommendations for preparation of retirement home administrators.

1306. Huang, Caecilia June-chen. The sterols and other lipids of crab meat.

1307. Lewis, Margaret Jean. The plasma lipid and coagulation response of young men to a physical fitness program.

1308. Nandi, Sina Rani. Polyphenol oxidase, dopamine content, and discoloration in ripening bananas.


1973 - Masters


1311. Wozenski, Janet Regina. Phytic acid (Myoinositol hexaphosphate) and phytase activity in four cottonseed protein products.

1312. Young, Joey Nam-cho. Urinary excretion of 4-pyridoxic acid by women using steroid contraceptives and by mental retardates with and without Down's Syndrome.

1974 - Masters

1313. Brineman, Elena Louise. The effect of oral contraceptives on serum folate levels in women.

1314. Pritchard, Dorothy Lynn. Oregon meal programs for the elderly.

1315. Schrumpf, Doris Elaine. Textural changes in broccoli and carrots cooked by microwave energy.

1316. Weaver, Connie Marie. Factors influencing enzymatic browning of ripening bananas.

1975 - Masters

1317. Augustine, Sandra Lee. Dietary intake and plasma vitamin E of older subjects.

1318. Burson, Janet Zimmerman. Food preferences and shopping habits of older people.

1319. Langan, Michael Joseph. The effects of improved oral hygiene on the nutrition of the elderly.

1320. Lee, Mei-shan. Folic acid and ascorbic acid status of elderly subjects.

1321. Maclean, Heather Elizabeth. Staffing patterns in two food service areas of a hospital/training center for mentally retarded.

1976 - Masters

1322. Condit, Mary Gairdel. The effect of selected soci-environmental variables on the dietary intake of preschool children.

1323. Dow, Marjorie J. Metabolism of methionine in women using oral contraceptives.

1324. Halvorson, Joan Dorothy. Lecithin supplementation and plasma phospholipids.


1326. Kokkerle, Shelly Carol. Effect of oral contraceptives in women on the plasma and urinary levels of vitamin B6.


1328. Skimmer, Jean Dingman. Effect of ascorbic acid supplementation on vitamin B12 in plasma of elderly women.

1329. Warner, June Alice. The interrelationships of physical and dietary parameters with plasma lipids in healthy elderly subjects.

1977 - Masters

1330. Nuwer, Marcia Mary. Unbleached flour high-ratio white cakes as affected by cream of tartar and variation in sugar/water level.

1331. Pratt, Joan Margaret. Pre-rigor high-pressure treatment effects on selected quality characteristics of beef semitendinosus muscle.

1332. Shannon, Kathryn Lee. Benefits to cerebral palsied children from teaching nutrition and feeding skill development to their mothers.

1971 - 1972 - Doctors

1333. Doster, Robert Charles. Toxicity and metabolism of ochratoxins in rainbow trout (Salmo gairdneri).

1974 - Doctors

1334. Park, Sue Sookja. Growth, enterotoxin production and energy charge of Staphylococcus aureus under three gaseous environments.
1976 - Doctors

1977 - Doctors


FOREST ECOLOGY
SEE Forest Management Department

FOREST ECONOMICS
SEE Forest Management Department

FOREST ENGINEERING DEPARTMENT
SEE ALSO Forest Management Department
Forest Products Department
Forest Science Department

1971 - 1972 - Masters

1349. Lewis, Charles Stewart. A comparative economic analysis between log scaling practices.


1351. Sugano, Albert Itsuki. The effects of low temperatures on dormancy release in Douglas-fir (Pseudotsuga menziesii (Mirb.) Franco) from western Oregon, Washington, and California.

1972 - Masters


1354. Rogers, Roger Allan. Probability proportional to size sampling of Douglas-fir from aerial photography.

1973 - Masters


1356. Borrecco, John Edward. The response of animals to herbicide-induced habitat changes.

1357. Campbell III, Allan. Effects of thermal period on the early growth of red alder from different elevations and geographic sources.

1359. Preest, David Stanley. Summer soil moisture dynamics in a young Douglas-fir plantation as influenced by three herbaceous weed communities.

1974 - Masters

1360. DeYoe, David R. Indole-3-acetic acid in Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco); a definitive analysis of gas-liquid chromatography-mass spectrometry.

1361. Handy, Jeffery King. Economic guidelines to reforestation under alternative types of forest ownership.


1363. Iles, Kimberly. Geometrical considerations affecting the determination of basal area growth by increment boring methods.

1364. Logan, Robert Steven. An alternative to clearcutting.

1365. Martin, David Carl. Objectives and attitudes of nonindustrial small-forest owners in Lane County, Oregon.

1366. Meier, Gerald Alfred. Timber management plan for the university forest.

1367. Nelson, Eric Alan. Nutritional requirements of the thin-leaved huckleberry (*Vaccinium membranaceum* Doug.).


1372. Stuck II, Roger Dean. Predicting diameter inside bark at various upper stem heights for several coniferous species along the western slope of the Cascade Mountains.

1975 - Masters

1373. Greaves, Robert David. Some factors affecting the distribution of organic arsenical silicides in the forest ecosystem.

1374. Hilt, Donald E. Yields of repeated high and low commercial thinnings of immature coastal Western hemlock.

1375. Roberts, Catherine Anne. Initial plant succession after brown and burn site preparation on an alder-dominated brushfield in the Oregon Coast Range.


1976 - Masters


1379. Sullivan, Michael James. Stocking levels and seedling heights on clearcuts in relation to habitat type in the Western Cascades of Oregon.

1977 - Masters

1380. Burton, Douglas Harlow. The feeding habits of the Mazama pocket gopher in the pine region of South-Central Oregon.

1381. Chetock, Jerome Joseph. First year survival and growth of planting stock of various size on adverse sites.


1383. Iverson, Richard David. The efficacy of various coniferous stock types planted on brushy sites in the Oregon Coast Range.

1384. Moutsinas, Cynthia Marcha. Attitudes of forest managers toward dispersed recreation on roaded forest lands in the Pacific Northwest.


1386. Thompson, Terry Jo. Dispersed winter recreation use patterns and visitor attitudes at Crater Lake-Diamond Lake, Oregon.


1971 - Doctors


1393. Hooven, Edward Frank. Effects of clearcutting a Douglas-fir stand upon small animal populations in western Oregon.


1395. Laird, Peter Paul. The influence of preharvest killing of western hemlock on subsequent stump invasion by *Fomes annosus*.


1972 - Doctors


1400. Groman, William Allen. Comparative development of a thinned and a natural Douglas-fir stand from 45 to 60 years of age.


1973 - Doctors


1406. Ruetz, Wolfhard Friedrich. Seasonal changes in the CO2 gas exchange of red fescue (Festuca rubra L.) in a montane meadow community in northern Germany.

1407. Bandrowski, Stefan Stanislaw. An economic analysis with emphasis on stochastic evaluation of the structural and marketing changes of the Oregon millwork industry.


1974 - Doctors


1975 - Doctors

1413. Miller, James Howard. Nutrient losses and nitrogen mineralization on forested watersheds in Oregon's Coast Range.


1418. Yang, Jenq-chuan. Isoenzyme polymorphism in provenances of Douglas-fir (Pseudotsuga menziesii (Mirb.) Franco var. menziesii).

1976 - Doctors

1419. Keipi, Kari Jahnani. Transfer pricing alternatives for allocating logs in a forest products firm.


1977 - Doctors

1974 - Masters
1431. Schroeder, Glenn A. End-fixation in exterior stud wall systems.

1975 - Masters
1436. Nguyen, Dong. Effect of wood extractives on cure of phenolic resin.
1438. White, Robert Hawthorne. Finite element analysis of end fixity in stud wall panels.

1976 - Masters
1440. Safo-Sampah, Stephen. Ability of selected fungi from Douglas-fir poles to degrade wood and their tolerance to wood-preserving chemicals.

1977 - Masters
1442. Wade, Dennis Clelan. The application of fluorescence of pulping waste liquors to the control of laboratory and commercial pulping operations.
1443. Wilkie Jr., George Robert. Determining appropriate accelerated aging tests for kering plywood.
1444. Wisherd, Kurt Douglas. Bark as a supplemental source for wood furnish in particleboard.

1971 - 1972 - Masters

1974 - Doctors
1448. Webber, John Edinburgh. The occurrence of abscisic acid in the dormant shoots of Douglas-fir [Pseudotsuga menziesii (Mirb.) Franco].

1973 - Doctors
1450. Short, Paul Henry. Thermal characteristics of Douglas-fir bark fiber 25° to 250°C.

1976 - Doctors
1451. Litvay, John Dennis. Anatomical and chemical characteristics of the Douglas-fir (Pseudotsuga menziesii (Mirb.) Franco) phellem cell.

1977 - Doctors

FOREST SCIENCE DEPARTMENT

1971 - 1972 - Masters
none

1973 - Masters
1453. Gilbert, Roy C.A. The concentration of nutrients in the tissue of ten white spruce provenances grown on an acid and a basic soil.

1974 - 1976 - Masters
none

1977 - Masters
1456. Kraemer, James Fred. The long term effects of burning on plant succession.
1458. Snyder, Jeffrey Lee. Maturation of noble fir (Abies procera) and grand fir (Abies grandis) seed.

1971 - 1977 - Doctors
none

FORESTRY, GENERAL
SEE Forest Science Department


1461. King, Keith Irl. Oxygen consumption by Dendroctonus pseudotsugae Hopkins.

1462. Sabharwal, Kanta. Investigations concerning a heat conduction problem involving a rectangular parallelepiped.

1972 - Masters


1973 - Masters


1469. McCarthy, Joseph Edward. The distribution, substrate selection and sediment displacement of Corophium salomonis (Stimpson) and Corophium spicicorni (Stimpson) on the coast of Oregon.

1974 - Masters


1472. Smith, Augustine Joseph. Applications of X-radiography in seed testing.

1473. Tomasovic, Stephen Peter. An autoradiographic study of cell renewal in a freshwater mussel, Margaritifera margaritifera, using high specific activity tritiated thymidine.

1975 - Masters

1474. Abbott, David Thomas. The effects of tritiated seawater on development of the goose barnacle Pollicipes polymerus.


1476. Robinson, Alfred Vern. Effect of cadmium on ceruloplasmin levels in the rat.

1477. Thomson, Bruce Edward. Response of natural microbial populations to ultraviolet irradiation in a simulated estuarine microcosm.

1478. Tyser, Robin W. Taxonomy and reproduction of Microtus canicaudus.


1976 - Masters


1482. Vernier, David Lloyd. The solid state photochemistry and photophysics of a triphenylmethyl dye cyanide.

1977 - Masters

1483. Diamond, Jerome Mark. The population dynamics and reproductive strategy of the snail Oxytrema silicula (Gould) in relation to stream order.

1484. Lei, Wayne. The uptake and retention of cesium-134 in Microtus canicaudus Miller.


1971 - Doctors


1487. Clark, Ervil Delwyn. Reactions of the sea anemone, Anthopleura xanthogrammica, to electromagnetic radiations in the visible, ultraviolet, and x-ray ranges.


1492. Lipparelli, Michael Arthur. The GEX signatures of lowest mode internal waves.


1495. Siwamogsatham, Boonsong. Nuclear level structure of 181Au from the 14.0 minute 10m To decay.


1972 - Doctors

1498. Bolen, John Joseph. Seasonal concentration, turnover and mode of accumulation of 32P by the juvenile starry flounder Platichthys stellatus (Pallas) in the Columbia River Estuary.

1499. Braby, Leslie Alan. Ionization in microscopic volumes irradiated by energetic photons.

1500. Martinsen, David Linnebach. A study of selected behavioral and electrophysiological responses of carpenter ants (Camponotus) to ionizing radiations.


1502. Pearson, John Philip. The influence of behavior and water requirements on the distribution and habitat selection of the gray-tailed vole (Microtus canicaudus) with notes on Microtus townsendii.

1503. Mellinger, Peter Jon. The comparative metabolism of cadmium, mercury and zinc as environmental contaminants in the freshwater mussel, Margaritifera margaritifera.


1505. Ramm, Alan Edmund. Some aspects of the sulfur cycle in tidal flat areas, and their impact on estuarine water quality.

1506. Sweat, Sister Jean. Metabolic adaptations of the marine gastropod Thais emarginata.


1508. Tucker, Stevens Parrington. Measurements of the absolute volume scattering function for green light in southern California coastal waters.

1509. Malik, Arthur John. A study of the excited states of 30P using the reaction 29Si(p,γ)30P.

1510. Watson, Charles Ross. An interactive computer graphics system applied to the life sciences.

1975 - Doctors

1511. Bell, Walter Lyle. Charles Babbage, philosopher, reformer, inventor; a history of his contributions to science.

1512. Vogt, Judith C. Histogenesis of fetal rat lung and liver after x-irradiation in organ culture and in utero.

1513. Worrest, Robert Charles. Effects of enhanced mid-ultraviolet radiation (290-315 NM) on development and survival of Boreal toad (Bufo boreas boreas) tadpoles.

1976 - Doctors

1514. Gruber, Helen Elizabeth. X-ray and proton induced ultrastructural changes in Chlamydomonas reinhardtii, with special reference to the dividing cell.

1515. Karr, Don John. A quantitative method for using an inventory of the soil and water resources of the state of Oregon to determine human population carrying capacities for two acceptable qualities of life.


1517. Rodriguez, Adrian. Behavioral and electrophysiological evidence for the mechanisms involved in the detection of ionizing radiations by the crayfish Pacifastacus trowbridgii.

1977 - Doctors

1518. Clarke, Margaret Jackson. The federal government and the fixed nitrogen industry, 1915-1926.

1519. Filipy, Ronald Elmer. The influence of ionizing radiation, photoperiod, and environmental temperature on cell proliferation in the intestinal epithelium of the rough-skinned newt (Taricha granulosa).

■ GENERAL STUDIES
SEE Interdisciplinary Studies

■ GENETICS

1971 - Masters

none
1972 - Masters

1973 - Masters

1974 - Masters
1522. Liu, Lillian Ling-ling.  Relationship of inbreeding to heterosis in swine.

1975 - 1977 - Masters

1972 - Doctors
1527. Helm, James Henry.  Chemical and genetic evaluation of high lysine and protein in selected barley crosses.
1528. Jones, Donald Dean.  Influence of chelating agents on cytological exchanges and genetic recombination in Zea mays L.
1529. West, Dennis Errol.  Hormonal stimulation of breeding activity in different genetic groups of ewe lambs.

1973 - Doctors
1530. Lind, Ronald Egard.  Actual and predicted response to selection on maternally influenced traits in the mouse.

1974 - Doctors
1532. Lockwood, Lloyd James.  Immunoelectrophoretic techniques used for systematic investigation.

1975 - Doctors
1535. Gharrett, Anthony John.  Comparison of the reassociation and hybridization properties of the DNAs of several species of fish.
1537. Shreffler, Carol Kaufman.  Temporal maternal behavior patterns in two inbred lines of mice and reciprocally crossfostered individuals.

1977 - Doctors

- GEOGRAPHY DEPARTMENT - (includes: recreation, resource, physical, and economic geography)

1971 - Masters

1972 - 1976 - Masters
none

1977 - Masters
1541. Roberts, Rebecca S.  An evaluation of agricultural lands for acquisition and consolidation: the Umatilla Indian Reservation.

1971 - Doctors
1542. Hollingshead, Anne Huston.  A systems analysis model for minimizing the flow of biotically productive land into irreversible uses.

1972 - Doctors
none

1973 - Doctors
1543. Aldrich, Frank Thatcher.  A chorological analysis of the grass balds in the Oregon Coast Range.
1544. Crocker, Marvin Dale.  The evolution of Mexican forest policy and its influence upon forest resources.
1546. Zinn, Jeffrey Arthur.  Analysis of resident property owner perception of resources and the management system of Siletz Bay Estuary, Oregon.
1547. Anderson, David Lawrence. A search for solutions to conflicting demands of outdoor recreation in the Oregon dunes coastal environment.


1549. Emmer, Rod Edwin. The problems and issues of implementing the National Flood Insurance Act in Oregon.

1550. Frost, Marvin Donald. A biogeographical analysis of some relationships between man, land, and wildlife in Belize (British Honduras).


1552. Renze, William Childs. Weather as an influencing factor in the use of Oregon's coastal recreation areas.

1553. Terich, Thomas Anthony. Sayocean Spit, Tillamook, Oregon; early economic development and erosion history.


1975 - Doctors


1556. Boland, Dale Herold Patrick. An evaluation of the Earth Resources Technology Satellite (ERTS-1) multispectral scanner as a tool for the determination of lacustrine trophic state.

1557. Brugo, Mary L. The distribution, utility and demand of riverfront land on the Oregon shore of the Lower Columbia River.

1558. Eilers III, Hio Peter. Plants, plant communities, net production and tide levels; the ecological biogeography of the Nehalem salt marshes, Tillamook County, Oregon.

1976 - Doctors


1560. Vuk, Melvin Marvin. The role and policy implications of selected external factors as applied to the developmental patterns of five Wyoming fuels.

1977 - Doctors


1564. Pfister, Robert Emil. Models relating camping to river terrace characteristics along the Rogue Scenic Waterway.

1565. Quinn, Robert. The late spring secondary precipitation maximum in the interior Pacific Northwest.


GEOLOGICAL OCEANOGRAPHY
(Includes: the study of sediments and tectonics)

1971 - Masters


1972 - Masters

1570. Dauphin, Joseph Paul. Size distribution of chemically extracted quartz used to characterize fine-grained sediments.

1571. Ellis, David Burt. Holocene sediments of the South Atlantic Ocean: the calcite compensation depth and concentrations of calcite, opal and quartz.


1573. Oser, Robert Keith. Textural analysis of fine-grained sediments of the Northwest Pacific.

1973 - Masters


1974 - Masters


1577. Kendrick III, John William. Trace element studies of metalliferous sediments in cores from the East Pacific Rise and Bauer Deep, 10°S.


1579. Prince, Roger Allan. Deformation in the Peru Trench, 6°-10°S.

1975 - Masters

1581. Clark, James Gregory. Age, chemistry, and tectonic significance of Easter and Sala y Gomez Islands.

1582. Rea, Campbell Cary. The erosion of Siletz Spit, Oregon.

1976 - Masters

1583. Dowding, Lynn Gretton. Sedimentation within the Cocos Gap, Panama Basin.

1584. Leinen, Margaret. Biogenic silica sedimentation in the central equatorial Pacific during the Cenozoic.

1585. Lizarraga Arciniega, Jose Roman. Shoreline changes due to jetty construction on the Oregon coast.

1586. Masias Echevarray, Juan Antonio. Morphology, shallow structure, and evolution of the Peruvian continental margin, 6° to 18°S.


1977 - Masters


1591. Brewster, Nancy Ann. Cenozoic biogenic silica sedimentation in the Antarctic Ocean, based on two deep sea drilling project sites.


1593. Toth, John Robert. Deposition of submarine hydrothermal manganese and iron, and evidence for hydrothermal input of volatile elements to the ocean.

1594. Wenkam, Chiya. Late Quaternary changes in the oceanography of the eastern tropical Pacific.

1977 - Doctors


1973 - Doctors


1974 - Doctors

1599. Scheidegger, Kenneth Fred. Temperatures and compositions of magmas ascending beneath actively spreading midocean ridges.

1976 - Doctors

1600. Dinkelman, Menno Gustaaf. Late Quaternary radiolarian paleo-oceanography of the Panama Basin, eastern equatorial Pacific.


1975 - Doctors

1602. Malfait, Bruce Terry. The Carnegie Ridge near 86°W; structure, sedimentation and near bottom observations.

1603. Rea, David Kennerson. Tectonics of the East Pacific Rise, 5° to 12°S.

1976 - Doctors

1604. Gaulhan, Michael Kenneth. Prediction of breaker type and measurement of surfbores on an ocean beach.

1977 - Doctors

1605. Sancetta, Constance Antonina. Oceanography of the north Pacific during the last 18,000 years derived from fossil diatoms.

GEOLOGY DEPARTMENT

1971 - Masters

1606. King, John Robert. The geology of the southeastern Cuddy Mountain district, western Idaho.


1608. Peters, James Franklin. Stratigraphy and structure of the Rock Creek area, Beaverhead County, Montana.


1972 - Masters


1612. Rohr, David Malcolm. Geology of the Lovers Leap area, China Mountain Quadrangle, California.

1613. Tower, Dennis Brian. Geology of the central Pueblo Mountains, Harney County, Oregon.

1615. Axelsen, Claus. Pennsylvanian stratigraphy in South-Central Idaho and adjacent areas.

1616. Goodwin, Clinton John. Stratigraphy and sedimentation of the Yaquina formation, Lincoln County, Oregon.

1617. Harrold, Jerry Lee. Geology of the North-Central Pueblo Mountains, Harney County, Oregon.


1620. Simmons, Michael Lee. Stratigraphy and paleoenvironments of Theta, Kuper and adjacent Islands, British Columbia.


1622. Utterback, William Carl. The geology and mineral deposits of Eden Valley-Saddle Peaks and vicinity, southeastern Coos and northeastern Curry Counties, Oregon.

1974 - Masters


1628. White, Richard Eugene. Stratigraphy and structure of the Cedar Creek area of the Madison Range, Madison County, Montana.

1975 - Masters


1633. Smith, Thomas Neil. Stratigraphy and sedimentation of the Onion Peak area, Clatsop County, Oregon.


1976 - Masters


1637. Johnson, Floyd Raymond. Geology of the Quartzburg Mining District, Grant County, Oregon.


1639. Neal, Robert Holmes. Geology of the Tillamook Head - Necanicum Junction area, Clatsop County, northwest Oregon.

1640. Potter, Eric Chapple. Paleozoic stratigraphy of the northern Hot Creek Range, Nye County, Nevada.

1641. Rollins, Anthony. Geology of the Bachelor Mountain area, Linn and Marion Counties, Oregon.


1644. Tolson, Patrick Marion. Geology of the Seaside-Young's River Falls area, Clatsop County, Oregon.

1645. Tucker, Elizabeth Ruth. Geology and structure of the Brothers Fault Zone in the central part of the Millican SE Quadrangle, Deschutes County, Oregon.

1977 - Masters

1646. Carter, Jack Melton. The stratigraphy, structure, and sedimentology of the cretaceous Nanaimo group, Galano Island, British Columbia.


1649. Hammitt, Jay Wayne. Geology, petrology, and mineralization of the Paisley Mountains plutonic complex, Lake County, Oregon.


1652. Penoyer, Peter Ellis. Geology of the Saddle and Humbug Mountain area, Clatsop County, northwestern Oregon.

1653. Stickney, Roger Barton. Sedimentology, stratigraphy, and structure of the late cretaceous rocks of Wayne and Samuel Islands, British Columbia.

1971 - Doctors

1655. Bruce, Wayne Royal. Geology, mineral deposits, and alteration of parts of the Cuddy Mountain district, western Idaho.

1656. Davenport, Ronald Edmond. Geology of the rattlesnake and older ignimbrites in the Paulina Basin and adjacent area, central Oregon.

1657. Elliott, Monty Arthur. Stratigraphy and petrology of the late cretaceous rocks near Hilt and Hornbrook, Siskiyou County, California, and Jackson County, Oregon.

1658. McKnight, Brian Keith. Petrology and sedimentation of cretaceous and eocene rocks in the Medford-Ashland region, southwestern Oregon.


1972 - Doctors


1973 - Doctors


1974 - Doctors


1975 - Doctors


1668. Jones, Michael B. Hydrothermal alteration and mineralization of the Valley Copper Deposit, Highland Valley, British Columbia.

1976 - Doctors

1669. Hanson, William Bruce. Stratigraphy and sedimentology of the Cretaceous Nanaimo group, Saltspring Island, British Columbia.

1670. Smith, Roy Edward. Lower Devonian (Lochkovian) brachiopods, paleoecology, and biostratigraphy of the Canadian arctic islands.

1977 - Doctors

1671. Vail, Scott Garret. Geology and geochemistry of the Oregon mountain area, southwestern Oregon and northern California.

GEOPHYSICS & GEOPHYSICAL OCEANOGRAPHY

(includes: studies of gravity, convection, geothermal resources, and the magnetic field)

1971 - Masters

1672. Kim, So Gu. On the multipole expansion in the computation of gravity anomalies.


1972 - 1973 - Masters

none

1974 - Masters

1674. Barday, Robert James. Structure of the Panama Basin from marine gravity data.

1675. Eggers, Dwight Edward. Downward continuation and transformation of potential fields with application to marine magnetic anomalies.


1678. Tang, Rex Wai-yueh. Geothermal exploration by telluric currents in the Klamath Falls area, Oregon.

1975 - Masters

none

1976 - Masters

1679. Hassanzadeh, Siamak. Determination of depth to the magnetic basement using maximum entropy with application to the northern Chile trench.


1682. Victor, Linda. Structures of the continental margin of Central America from northern Nicaragua to northern Panama.

1977 - Masters
1684. Huehn, Bruce. Crustal structure of the Baja Peninsula between latitudes 22° N and 25° N.
1685. Lillie, Robert James. Subsurface geologic structure of the Vale, Oregon, known geothermal resource area from the interpretation of seismic reflection and potential field data.

1971 - Doctors
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1972 - Doctors
1686. Adotevi-Akue, George Modesto. On the numerical interpretation of gravity and other potential field anomalies caused by layers of varying thickness.
1688. Lowell, Robert Paul. An approach to thermal convection problems in geophysics with application to the earth's mantle and ground water systems.

1973 - Doctors
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1974 - Doctors
1689. Isaacson, Laurie Brown. Paleomagnetism and secular variation of Easter Island basalts.
1693. Whitsett, Robert Manning. Gravity measurements and their structural implications for the continental margin of southern Peru.

1977 - Doctors
none

GERONTOLOGY
SEE Adult, Community College, and Community Education
Family Resource Management Department
Foods and Nutrition
Recreation Education (Guadagnolo, Frank Bernard #2225)

GUIDANCE
SEE Counseling and Guidance

HEALTH AND PHYSICAL EDUCATION, SCHOOL OF
SEE Health Education
Physical Education (School of Education)

HEALTH EDUCATION
SEE ALSO Physical Education (School of Education)

1971 - Masters
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1972 - Masters
1695. Parker, Raymond Phillip. An evaluation of two sanitary food service manuals in educating Oregon State University food service workers.

1973 - Masters
1696. Brock, Michael Steven. Self-evaluation of secondary school health teachers as compared to classroom student evaluation of the same teachers.

1974 - Masters
1698. Pedersen, Donald Martin. The effects of bicycling on specific anthropometric and physiological measures: two case studies.
1699. Sampson, Paula Ellen. A study of the expressed concerns, feelings, and needs of expectant fathers.

1975 - Masters
1700. Breese, John David. A comparison of a smoking and nonsmoking population using the forced expiratory flow in the seventy-five to eighty-five percent segment of the spirometric curve.

1976 - Masters

1977 - Masters

1706. Barr, Robert Douglas. Pulmonary function of male cigarette smokers compared with lifetime noncigarette smokers.


1709. Bates, Ralph Carson. A comparison between educable mentally retarded and normal students, using selected social and environmental variables.


1711. Maughan, Richard Leishman. The effects of phonocardiogram screening and cardiologist follow-up procedures on delabeled cardiac patients among school-age children.

1712. Terhune, James Albert. The effect of age, sex and eye-hand coordination on the ability to predict the readiness of elementary students to learn an effective dental flossing technique.


1716. Shirley, Ruth Eloise. Client-outcome program evaluation and functional role analysis in a community mental health clinic.

1717. Templin, Paul Hans. Expert opinion regarding program activities and resources leading to and supporting districtwide, comprehensive school health instruction programs.

1718. Schultz, Ronald Calvin. The effect of indoor aquatic activities on health patterns of the college student.

1719. Yeh, Fe-jaw. A comparative analysis of the health knowledge and health interests derived from different curricular patterns at the junior high school level.

1720. Emiola, Monsuru Lasun. Effects of physical activity and nutrition on bone density measured by radiographic techniques.

■ HIGHWAY ENGINEERING
SEE Civil Engineering Department

■ HISTORY OF SCIENCE
SEE General Science Department

■ HOME ECONOMICS, SCHOOL OF
SEE Clothing, Textiles and Related Arts Department
Family Life Department
Family Resource Management Department
Foods and Nutrition Department
Home Economics Education

■ HOME ECONOMICS EDUCATION


1725. Stanwood, Linda Kay. Attitudes and beliefs of Oregon State University home economics student teachers and cooperating teachers toward the responsibilities of cooperating teachers.

■ LIFE SCIENCES


1728. Eddy, Shirley Kathryn. Guidelines for adapting a home economics curriculum to minimum facilities within a standard non-laboratory classroom.


1731. Nyberg, Sandra Merrill. Development of guidelines for the use of auxiliary personnel in home economics education programs.
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<thead>
<tr>
<th>Year</th>
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<th>Title</th>
<th>Authors / Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973</td>
<td>Masters</td>
<td>Suggested learning experiences for beginning clothing construction based on the beliefs of Oregon home economics teachers.</td>
<td>Post, Colleen Marie.</td>
</tr>
<tr>
<td>1973</td>
<td>Masters</td>
<td>A resource guide for a late junior or early senior high school unit on family responsibilities integrating industrial arts and homemaking.</td>
<td>Stubb, Yvonne Marie.</td>
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<tr>
<td>1973</td>
<td>Masters</td>
<td>Requisite family living competencies for high school graduates of Oregon, as perceived by participants of public health prenatal classes.</td>
<td>Taylor, Carolyn Diane.</td>
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<tr>
<td>1974</td>
<td>Masters</td>
<td>Techniques and media for excised tip culture of vinifera cultivars.</td>
<td>Hirasawa, Constance Jean Sherlock.</td>
</tr>
<tr>
<td>1974</td>
<td>Masters</td>
<td>The inheritance of volatile alcohols associated with frozen bush snap beans.</td>
<td>Toya, Dan K.</td>
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<td>1975</td>
<td>Masters</td>
<td>Developmental anatomy of Phaseolus vulgaris L. as influenced by temperature.</td>
<td>Wivutwongvana, Manee.</td>
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<td>1976</td>
<td>Masters</td>
<td>The effects of lime and potassium on mineral uptake in filberts (Corylus avellana L. cv Barcelona) grown in pot culture.</td>
<td>Geddeda, Yosef Ibrahim.</td>
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<td>1976</td>
<td>Masters</td>
<td>The translocation of ethephon and its physiological effects on the filbert (Corylus avellana L.) during husk senescence.</td>
<td>Kwong, Francis Y.</td>
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<tr>
<td>1976</td>
<td>Masters</td>
<td>The effects of plant population and nitrogen on sweet corn yields.</td>
<td>Moss, Joe Dick.</td>
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<td>1977</td>
<td>Masters</td>
<td>Frost resistance of pea genotypes (Pisum sativum L.) grown in the field on ground level and raised beds, and under controlled laboratory conditions.</td>
<td>Becvar, Michael Ryan.</td>
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<td>1977</td>
<td>Masters</td>
<td>Delay of anthesis in 'Bartlett' and 'Bosc' pears (Pyrus communis) by evaporative cooling.</td>
<td>Collins, Margaret Dorothy.</td>
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<td>1977</td>
<td>Masters</td>
<td>Vegetative propagation of the filbert (Corylus avellana L.) by means of budding and cuttings.</td>
<td>Hubert, Gregory Earl.</td>
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<td>1977</td>
<td>Masters</td>
<td>The influence of mycorrhizae on the mineral nutrient content of strawberries and red raspberries.</td>
<td>Hughes, Megan.</td>
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<td>1977</td>
<td>Masters</td>
<td>Harvest maturity indices of sweet cherries for brining.</td>
<td>Tvergyak, Paul Joseph.</td>
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<td>1978</td>
<td>Masters</td>
<td>Interaction of crop plant population with weed competition in corn (Zea mays L.), bush snap beans (Phaseolus vulgaris L.), and onion (Allium cepa L.) at differing stages of development.</td>
<td>Williams, Clarence Frank.</td>
</tr>
</tbody>
</table>

**HOME MANAGEMENT**

See Family Resource Management Department

**HORTICULTURE DEPARTMENT**

1971 - Masters

none
1768. Dimalla, Gerald George. Physiological effects, distribution and metabolism of dimethyl sulfide in DMSO treated seed potato tubers (Solanum tuberosum L.).

1769. Kasaty, Alvin Ray. Responses of the bush snap bean (Phaseolus vulgaris L.) to population density and planting arrangement.

1770. Sabharwal, Sudarshan Lal. Response of strawberry plants to manganese nutrition.

1771. Hansen, Leon Afton. The inheritance of axillary heading in cabbage, Brassica oleracea var. capitata L. and its response to plant spacing, fertilizer and transplanting.


1773. Dimalla, Gerald George. Effects of varying levels of nitrogen and zinc on growth and nutrient composition of the sweet cherry (Prunus avium L.).

1774. Pollak, Tomas. The response of beans to fluorodifen as affected by light and other factors.

1775. Sauser, Jerry Drew. Effects of varying levels of nitrogen and zinc on growth and nutrient composition of the sweet cherry (Prunus avium L.).

1776. Thorsen, Jack Arlen. Techniques for studying the effects of various cropping systems on the germination of buried weed seeds.

1777. Hansen, Leon Afton. The inheritance of ten quantitative characteristics in sweet corn (Zea Mays L.).

1778. Hotze, Mary Louise. Indicators of deciduous shade tree development useful for timing chemical defoliation and harvest.

1779. Stang, Jack Rudolf. Responses of bush snap bean cultivars (Phaseolus vulgaris L.) to plant population densities.

1780. Callan, Nancy Woodworth. Effect of boron sprays on fruit set, fruit quality, boron distribution and floral morphology of 'Italian' prune (Prunus domestica L.).


1783. Bahram, Borhan. Perspectives: academic research management.

1784. Chen, Kuei-lin. The application of decomposition and condensation algorithms to the logical design of resource planning and management (RPM) networks.


1788. Faruqui, Salahuddin. Regression based time standards for fish filleting.

1789. Ingle, Jayant T. Plant layout for rehabilitation centers; a case study and general considerations.
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>1790</td>
<td>Heuristic scheduling of orders with due dates and sequence dependent set-up times.</td>
<td>Joshi, Sudhir Madhukar.</td>
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<tr>
<td>1791</td>
<td>A branch and bound algorithm applied to field office location.</td>
<td>Lovro, Daryl Stanley.</td>
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<td>1792</td>
<td>A hospital cost model.</td>
<td>May, Mathew George.</td>
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<td>1793</td>
<td>Resource planning and management (RPM) of a multi-period, multi-product process.</td>
<td>Mercer, William G.</td>
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<td>1794</td>
<td>Multi-objective planning and design for land use and urban performance.</td>
<td>Robinson Jr., Irl Dale.</td>
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<td>1795</td>
<td>Resource planning for a rare metals corporation using mixed integer goal programming and resource planning and management system.</td>
<td>Barneson III, John.</td>
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<tr>
<td>1796</td>
<td>Shrimp processing in Oregon - planning, analysis and control.</td>
<td>Cheung, Chi Ming.</td>
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<tr>
<td>1799</td>
<td>An analysis of the unit dose pharmacy system in small hospitals.</td>
<td>Kingsley, Daniel Bruce.</td>
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<tr>
<td>1800</td>
<td>Skill design, evaluation, and implementation of improved Dungeness crab meat extraction methods.</td>
<td>Willis, George Paul.</td>
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<td>1801</td>
<td>Application of resource planning and management system (RPM) and goal programming (GP) to multi-period resource allocation in universities.</td>
<td>Higuera-Guio, Jose Gabriel.</td>
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<td>1802</td>
<td>Minimum-cost multi-item coordinated ordering models with dependent set up cost.</td>
<td>Kim, Jae Yearn.</td>
</tr>
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<td>1803</td>
<td>Extending the planning capability of zero base and flexible budgeting through the use of RPM networks and optimization techniques.</td>
<td>Lomelia-Zarate, Jose David.</td>
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<tr>
<td>1804</td>
<td>Determination of optimal supply points in centralized distribution systems.</td>
<td>Matsuda, Yoichii.</td>
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<td>1805</td>
<td>The development of a methodology to study the effects of process dynamics and costs on operator behavior.</td>
<td>Saedi, Mohammad Vahid.</td>
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<td>1807</td>
<td>Multi-factor information theory models and their industrial applications.</td>
<td>Shirland, Larry Elwyn.</td>
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<tr>
<td>1810</td>
<td>An RPM network approach to the integration of the accounting information system and the linear programming decision model.</td>
<td>Dumon, Jozef M.</td>
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<tr>
<td>1811</td>
<td>Timber harvest layout by mathematical and Heuristic programming.</td>
<td>Dyksra, Dennis Peter.</td>
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<td>1812</td>
<td>An integrated approach to the evaluation of multiattributed alternatives in facility siting studies.</td>
<td>West, Thomas Moore.</td>
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<td>1813</td>
<td>Performance evaluation and design of multiple time series based forecasting systems.</td>
<td>Chen, Kuei-Lin.</td>
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<td>1814</td>
<td>A factor analysis of professional education competencies and community college instructors of trade and industrial education.</td>
<td>Gunderson, Orley Donald.</td>
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<tr>
<td>1816</td>
<td>An analysis of the effectiveness of a learner-centered teaching system compared to that of a conventional teaching of basic electricity to university students.</td>
<td>Ruiter, William Wallace.</td>
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<td>1817</td>
<td>A study of the common professional competencies of educational engineers.</td>
<td>Allison, Eugene Frederick.</td>
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<td>1818</td>
<td>A comparison between current industrial arts philosophy expressions derived from professional publications and their acceptance by industrial arts teacher educators.</td>
<td>Parker, David Warren.</td>
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<td>1819</td>
<td>A study of the whole job (multi-position) approach as compared to the traditional (single-position) approach in the development of arc welding skills.</td>
<td>Stemmer, Roland Clarke.</td>
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</table>
1974 - Doctors

1820. Ledoux, Clarence Eugene. A study of mathematical skills needed for entry-level employment in a cluster of electricity-electronics occupations.


1975 - Doctors

none

1976 - Doctors

1822. Dille, Jeane Louise. The identification of verbal, handwriting, and written composition skills and the level of those skills required by entry-level industrial mechanics.

none

1977 - Doctors

none

- INDUSTRIAL ARTS EDUCATION
  SEE Industrial and Technical Education
  Vocational Education

- INORGANIC CHEMISTRY
  SEE Chemistry Department

- INSTITUTION MANAGEMENT
  SEE Adult, Community College and Community Education
  Family Resource Management Department
  Foods and Nutrition Department
  Health Education

- INTERDISCIPLINARY STUDIES

1971 - Masters

1823. Ghaffari, Rose Marie Hughes. The relationship of some family background variables to college graduation.

1972 - Masters

1824. Anderson, Roy Bruce. The effect of auditory training on the auditory discrimination ability of the contra-lateral ear.

1825. Whyte, William James. Development and rationale for a minimum pollution product trademark which consumers can identify with minimum pollution products.

1973 - Masters


1974 - Masters

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1975 - Masters


1832. Selam, Leroy Bennie. The Yakima Indians; study and analysis of the Yakima water rights.

1833. Yates, Dean Arnold. The reflection of culture in biological evolution.

1976 - Masters


1835. Bryant, Robert Edman. Some aspects of Western religious thought and man's use of land.


1837. Mauze, Marie-France. The Kwakiutl totem pole and its symbolic value.

1977 - Masters


1839. Manolescu, Kathleen Marie. Transactional analysis applied to a community development issue.

1840. Martin, Harry Joseph. Approval seeking motivation: a determinant of conformity to group norms inconsistent with personal values.

1971 - 1977 - Doctors

none

- LEISURE AND RECREATION
  SEE Geography Department
  Recreation Education

- LIBERAL ARTS, SCHOOL OF
  SEE Interdisciplinary Studies

- MARINE ECOLOGY
  SEE Biological Oceanography

- MARINE POLLUTION
  SEE Biological Oceanography
  Civil Engineering Department (for engineering aspects)
  Ocean Engineering


1848. Rouff, James Elliot. On error-bound connected optimized trigonometric subroutines.


1972 - Masters


1851. Bu, How-Shone. The structure of preordered sets and their topological properties.

1852. Diffely, Robert Elwin. A Fortran program for the simultaneous solution of two algebraic polynomial equations in two unknowns.

1853. Domke Jr., Delmar Eichler. Selection of discriminating characteristics by partial similarity for the two class recognition problem of artificial intelligence.

1854. Rose, George David. Interactive graphics in a time sharing environment.


1856. Yamagishi, Yoshiyuki. Precedence grammars and relation between precedence languages.

1973 - Masters


1858. Bello, Jackson Henry. Solution by the method of G. C. Evans of the Volterra integral equation corresponding to the initial value problem for a non-homogeneous linear differential equation with constant coefficients.


1861. Thoennes, Harvey Andrew. Student scheduling by computer: a discussion of an algorithm based on course requests and priorities.

1974 - Masters

1862. Mirkovich, Christina Josephine. Applications of collectively compact operator theory to the existence of eigen-values of integral equations.

1975 - Masters

1863. Henry, Calvin Oscar Leon. Computation by a Turing machine carried out in a Minsky post tag formalism.

1976 - Masters

1977 - Masters


1971 - Doctors

1867. Higdem, Roger Leon. Sums of subsets of certain algebraic systems.


1870. Okajima, Isamu. Study of the topological structure of the Royden compactification of the unit disk.


1972 - Doctors

1874. Applebee, Ralph Calvin. Finite models of zero order propositional calculi.

1875. Daily, Mary Lou. A fundamental inequality in additive number theory and some related numerical functions.


1878. Murray, Peter John. An extension of Hilbert's axioms of incidence and order to n dimensions.

1973 - Doctors

1885. Jumani, Vishnu Balchand. A study of the quantization procedure: higher order information and the conditions for minimum error.
1887. Mueller, Thomas Jacob. TEEML, an adaptive training procedure for a two layer system of linear threshold elements.
1888. Rivera, Dorothy Marguerite. On a generalization of the Lerch zeta function.

1974 - Doctors

1890. Dastrange, Nassar. On the reconstruction of bandlimited signals from sampled values.
1891. Hartwigson, Zenas Russell. The completeness axiom of Lobachevskian geometry.
1892. Hook, Donald George. Effects of confluence of real symmetric matrix pairs.
1893. Ng, Dina Ng. An effective criterion for congruence of real symmetric matrix pairs.
1894. Solomon, Donald Clyde. The x-ray transform.
1896. Yip, Elizabeth Lingfoong. Matrices conjunctive with their adjoints.

1975 - Doctors

1897. Banks, Bernard W. Time derivatives of observables and applications.
1898. Chang, Wei-rong. Generalized Hilbert transforms associated to cones in R^n.
1899. Halfant, Matthew. Some results in the ergodic theory of generalized expansions of real numbers.

1904. Fredricks, Gregory Alan. Higher order differential geometry and some related questions.
1907. Upatisringa, Visudthi. The relation between complex matrices obtained by composing similarity and conjunctivity.

1977 - Doctors

1909. Ng, Mary Jeanne Pe. The Z_p (t)-adequacy of pure polynomials.
1910. Parker, Phillip E. Singular geometry and geometric singularities.
1911. Stynes, Martin J. An algorithm for the numerical calculation of the degree of a mapping.

MECHANICAL ENGINEERING DEPARTMENT
(includes: metallurgical engineering, aeronautical engineering)

SEE ALSO Nuclear Engineering Department

1971 - Masters

1912. Bassett, David Arthur. Feasibility study of a surface vehicle utilizing a unitary control system.
1918. Kim, Sung Soo. An experimental study of natural convection in air between a vertical isothermal flat plate and a parallel insulated flat plate.
1921. Thompson, Roger Steven. Modes of vibration of inextensible cables suspended from two points.

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1922. Hurt, John Calvin. The use of a hot film anemometer to measure velocities below five cm/sec in mercury.


1924. Smith, Harlan Bradford. Design considerations for strain gage transducers.


1928. Reeder, Harry Cromwell. On design and field evaluation of the noise control features of the Lake Oswego water treatment plant.


1933. Le Febvre, Patrick Elmer. Design of a waterjet system for excavation of commercial crab pots buried in ocean sediment.


1935. Tuttle, Kenneth Lewis. Analysis and design of a small gas sampling pump.


1938. Biskey Jr., John Wesley. The development of Fe-Cr-C based alloys for high wear and high impact applications.

1939. Dutton, Jonathan Craig. An experimental investigation of natural convection heat transfer from an array of uniformly heated vertical cylinders to mercury.

1940. Humphreys, William Warren. An experimental investigation of heat transfer in the transition and turbulent regimes for natural convection in mercury in a uniformly heated vertical channel.


1942. Tavolacci, Don. Fluid forces on and flow configurations around a circular cylinder near a plane boundary.

1943. Webb, Gerald Bruce. Analysis of an externally loaded pre-stressed cylindrical shell.


1946. Lockwood, Dwight Norris. An investigation of the effects of immersed heat exchanger tube spacing and arrangement on the quality of fluidization in a cold phase two-dimensional fluidization in a cold phase two-dimensional fluidized bed.


1950. Takahashi, Gilbert Tamaji. Evaluation of factors contributing to the failure of cast iron water mains.

1951. Yao, Barry. Thermal energy recovery from large transformers.


1955. White, Donald Henry. An experimental investigation of natural convection heat transfer from vertical flat plates in mercury.


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<th>Year</th>
<th>Author(s)</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>1961</td>
<td>Rowe, Donald Scott.</td>
<td>Measurement of turbulent velocity, intensity and scale in rod bundle flow channels.</td>
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<tr>
<td>1962</td>
<td>Trent, Donald Stephen.</td>
<td>A numerical model for predicting energy dispersion in thermal plumes issuing from large, vertical outfalls in shallow coastal water.</td>
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<td>1964</td>
<td>Augustine, Frank Edward.</td>
<td>Airborne sampling of particles emitted to the atmosphere from Kraft paper mill processes and their characterization by electron microscopy.</td>
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<td>1966</td>
<td>Faghri, Mohammad.</td>
<td>Analysis of heat transfer, including axial conduction, for laminar tube flow with arbitrary circumferential wall heat flux.</td>
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<td>1967</td>
<td>Simmons, Larry Dean.</td>
<td>Optimization of staged Rankine energy conversion cycles for high efficiency.</td>
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<td>1968</td>
<td>Tomaine, Chris Shinya.</td>
<td>Integrated forward light scattering as a measure of aerosol mass concentration.</td>
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<td>1971</td>
<td>Ileri, Arif.</td>
<td>Analysis of heat pump and steam bleed-off systems linked with thermal-electric power plants to supply low-grade heating and cooling.</td>
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<td>1972</td>
<td>Slegel, David Louis.</td>
<td>Transient heat and mass transfer in soils in the vicinity of heated porous pipes.</td>
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<td>1973</td>
<td>Sokaski, Michael.</td>
<td>Low temperature deformation characteristics of yttrium single crystals.</td>
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<td>Gala, John Gregg.</td>
<td>Vibrations of suspended cables.</td>
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<td>Brownlow, Roger West.</td>
<td>Wind tunnel simulation and field measurements of flow over a coastal headland.</td>
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**METALLURGICAL ENGINEERING**
SEE Mechanical Engineering Department

**METEOROLOGY**
SEE Atmospheric Sciences Department

**MICROBIOLOGY DEPARTMENT**

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<tr>
<th>Year</th>
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<tbody>
<tr>
<td>1971</td>
<td></td>
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<tr>
<td>1980</td>
<td>Park, Jerry Eugene.</td>
<td>Soil and rumen microbial responses to photo-oxidized grass straw.</td>
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<tr>
<td>1982</td>
<td>Hayasaka, Steven Shin.</td>
<td>Structural effects on Arthrobacter ATCC 25581 methylene hydroxylase activity.</td>
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<td>1983</td>
<td>Holt, Richard Allen.</td>
<td>Characterization and control of Cytophaga psychrophila (Borg) the causative agent of low temperature disease in young coho salmon (Oncorhynchus kisutch).</td>
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<td>1986</td>
<td>Paul, Kala Lapidus.</td>
<td>The effects of hydrostatic pressure and temperature on the uptake and utilization of amino acids by a facultatively psychrophilic marine bacterium.</td>
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<td>1973</td>
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<td>1988</td>
<td>Abe, Patrick Masami.</td>
<td>Certain chemical and immunological properties of the endotoxin from Vibrio anguillarum.</td>
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1993. Muniz, Juan Fermin. Media for identification and differentiation of Clostridium perfringens and Clostridium botulinum types a, b and e.


1974 - Masters


2006. Ranson, David Peter. Immune responses of salmonids, a) Oral immunization against Flexibacter columnaris, b) Effects of combining antigens in parenterally administered polyvalent vaccines.

1975 - Masters


1977 - Masters


2015. Stevens, Donald George. Effects of copper on survival and the immune response of juvenile coho salmon (Oncorhynchus kisutch).


1971 - Doctors


2024. Orth, Donald Simms. Improved coagulase tests for Staphylococcus aureus.


1972 - Doctors

2027. Blaine, James Wesley. Preparation and preservation of lactic acid starter culture concentrates.


2034. Paterson, William Douglas. The antibody response of juvenile coho salmon (Oncorhynchus kisutch) to Aeromonas salmonicida, the causative agent of furunculosis.


1973 - Doctors

2039. Daly, Charles. Studies on the inhibition of food-borne pathogens and spoilage bacteria by lactic acid starter cultures.


2043. Jones, Larry Paul. The purification and characterization of the fructose 1,6-diphosphate aldolase from Vibrio marinus, an obligately psychrophilic marine bacterium.

2044. McAllister II, Philip Everett. The Oregon sockeye salmon virus (OSV): A. Replication and autointerference. B. The effect of temperature on infection in kokanee salmon (Oncorhynchus nerka) and on virus stability.


2046. Park, Jerry Eugene. Photooxidative degradation of annual ryegrass straw to substrates enhancing rhodotorula mucilaginosa growth.

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2048. Berg, Ronald Wayne. Yeast extractives in the nutrition of San Francisco sourdough bacteria (Lactobacillus sanfranciscensis).

2049. Felton, Mack. Adsorption of 3H Q8 virus on powdered silica.


2051. McMichael, John Setple. The isolation, comparison, and attenuation of several viruses infecting Oregon salmonids.


2053. Muralidhara, K. S. Effect of feeding concentrates of Lactobacillus organisms on intestinal colonization by Escherichia coli in swine.

2054. Trewyn, Ronny William. Methionine biosynthesis in Saccharomyces cerevisiae; the one-carbon transfer portion of the pathway.

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2055. Fuller, David Wallace. Isolation and characterization of a leukocytoxic factor from Aeromonas salmonicida.

2056. Johnson, Keith Alan. Host susceptibility, histopathologic, and transmission studies on Ceratomyxa shasta, a Myxosporidan parasite of salmonid fish.

2057. Jones, Margaret Carol Jackson. Character of the DNA region encoding a portion of the DNA-dependent RNA polymerase in Bacillus subtilis.

2058. Nyyendo, Joanne Annette. Studies on host range, fine structure, and nucleic acids of lactic streptococci bacteriophages.

2059. Rohovec, John Stanley. Oral and parenteral immunization for the control of Vibrio anguillarum, the etiological agent of vibriosis in salmonid fish.

2060. Speckman, Calvin Albert. Preparation, evaluation, and use of lyophilized, concentrated dairy starter cultures in cheese and yogurt manufacture.

2061. Sriranganathan, Nammalvar. Deoxyribonucleic acid hybridization and plasmid studies in the genus Lactobacillus.

-61-
2062. Geesey, Gill Gregory. Substrate capture by a psychrophilic marine bacterium.


2064. Hayasaka, Steven Shin. Ion and salinity effects on induction and function of galactose permease in an Antarctic psychrophilic marine bacterium.

2065. Leach, Roy Dulinig. Strain dominance in frozen multiple strain lactic starters.


1977 - Doctors


1972 - 1974 - Masters

1975 - Masters


2076. Wei, Peter. A review of experiments pertinent to the after-heat measurements of the thermal-neutron fission of U235.

1976 - Masters

2077. Earle, Otis Keener. The missile hazard of surface traffic accidents to nuclear power plants.

1977 - Masters

2078. Baker, Steven Michael. The contribution of fission product decay energy uncertainty to uncertainty in calculated reactor decay power.


2080. Cunningham, Mitchel Eugene. Temperature profiles of spheres packed in regular arrays.

2081. Holm, Jerald Steven. A simplification of existing methods of calculating decay heat following reactor shut-down and an investigation of the effects of power history upon decay heat.


2083. Shay, Michael Ronald. Summation evaluations of reactor after-heat including the effect of neutron capture in fission products.

2084. Shepherd, Stephen H. An experiment for accurate determination of time-dependent fission product energy release after thermal neutron fission of 235U.

2085. Thomas, Mark Stephen. An analysis of the infinite periodic lattice approximation used in unit cell calculations.

1971 - 1972 - Doctors

none

1973 - Doctors


1974 - Doctors

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1975 - Doctors

2087. Olson, Willard Orvin. One and two dimensional space-energy flux synthesis with spatially discontinuous trial functions.

1976 - Doctors

2088. Devine Jr., Warren Downe. Determinants of electrical energy demand for a state; methodology and system simulation.

2089. Liaw, Jye Ren. Primary fission fragment yields and prompt-neutron emissions for after-heat analysis.

1977 - Doctors

1971 - 1975 - Masters

2091. Arneson, Robert Jeffrey. Seasonal variations in tidal dynamics, water quality, and sediments in the Coos Bay estuary.

2092. Choi, Byungho. Pollution and tidal flushing predictions for Oregon's estuaries.

1977 - Masters


1971 - 1977 - Doctors

1972 - Masters


1971 - 1977 - Doctors

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1971 - 1977 - Doctors

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1972 - Masters


1977 - Masters


1976 - Masters

1975 - Masters


1976 - Masters

1977 - Masters


1971 - 1974 - Doctors

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1975 - Doctors

2101. Laskar, Paul Andrew. Preformulation studies with 1, 3-bis (2-chloroethyl)-1-nitrosourea (NSC 409962).

1976 - 1977 - Doctors

none

1976 - 1977 - Doctors

1971 - 1975 - Masters

none

1973 - Masters

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1971 - 1977 - Doctors

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1975 - Doctors

1976 - 1977 - Doctors

1971 - 1977 - Doctors

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1975 - Doctors

2101. Laskar, Paul Andrew. Preformulation studies with 1, 3-bis (2-chloroethyl)-1-nitrosourea (NSC 409962).

1976 - 1977 - Doctors

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1971 - 1977 - Doctors

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1972 - Masters

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1975 - Doctors
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1973 - Masters


1974 - Masters

2103. Lorskulsint, Duangchit. Absorption of benzocaine -3H from semisolid dosage forms following rectal administration in rats.


1975 - Masters


1976 - Masters


1977 - Masters

2111. Keeferl, Michael Tallyn. Potentiation of acute carbon tetrachloride hepatotoxicity by dietary exposure to chlorophenothane (DDT) in rats.

2112. Lock, Albert. The vagal inhibitory reflex in the rat stomach.

2113. Lu, Irene. The effects of the carcinostatic compound 1,3-bis(2-chloroethyl)-1-nitrosourea (BCNU) on the hepatic microsomal enzyme systems in rats.

none

1974 - Doctors

2114. Hoffman, Norbert Edward. Calcium regulation and physiological function in animals exposed to lead.

none

1975 - Doctors


1976 - Doctors


1977 - Doctors

none

1978 - Doctors

none

PHARMACY, SCHOOL OF
SEE Pharmaceutical Chemistry
Pharmaceutical Science
Pharmacology and Toxicology

PHARMACY ADMINISTRATION
SEE Pharmaceutical Science

PHYSIOLOGY
SEE Botany and Plant Pathology Department

PHYSICAL CHEMISTRY
SEE Chemistry Department

PHYSICAL EDUCATION (School of Education)
SEE ALSO Health Education

1971 - Masters

2117. Martin, Robert Booth. Home made equipment as a possible solution to athletic budget problems in class "A" high schools of Oregon.

1972 - 1974 - Masters

none

1975 - Masters


1976 - Masters


1977 - Masters
2122. O'Neill, Judith Anne. Self-cathexis and body-cathexis of participants in selected environmental sport activities.

1971 - 1972 - Doctors

1973 - Doctors

1974 - Doctors

1975 - Doctors

1976 - Doctors
2127. Doherty, Michael Thomas. An analysis of the relationship between selected autobiographical data and the personality traits of high school basketball players.

1977 - Doctors

PHYSICAL OCEANOGRAPHY
(includes: studies of upwelling, hydrography, currents, and winds)

1971 - Masters

1972 - Masters

2135. Evans, Richard H. Physical parameters as tracers of Columbia River water.


1973 - Masters

1974 - Masters
2138. Brunson, Burlie Allen. Steric contributions to the seasonal oscillation in sea level off Oregon.

2139. Lung, Bu Ernest. Computer analysis of the surface current field off Oregon based on drift bottle data.


2141. Reed, Ronald Keith. Rainfall over coastal waters of the Pacific Northwest.

1975 - Masters
2142. Cummings, Timothy Kean. The mesoscale wind field during project JASIN 1972.

2143. Deckard, Dennis E. Vertical current measurement in the Oregon coastal upwelling region.


2145. Sobey, Edwin James Chapin. Rotary bispectral analysis of the wind to current energy transfer.

2146. Wasowski, Stanley Francis. Measurements of turbulent velocities and an examination of their effects on mixing and suspension of particulate matter.

1976 - Masters

2148. Badan-Dangon, Antoine Renaud Fabrice. Density currents induced by freezing in a shallow polar ocean; some heuristic models.

2149. Bodvarsson, Gudrun M. Ocean wave-generated microseisms at the Oregon coast.

2150. Farreras, Salvador Fernando. One-dimensional numerical model test and predictions for the Siuslaw Estuary.

2151. Poole, Stephen Lynn. The effect of the land breeze on the mesoscale wind field off the Oregon coast.

2152. Trump, Clifford Lyons. Fine-scale time variations of rainfall.

1977 - Masters


2155. Marthaier, James Gordon. Comparison of sea level and currents off the Oregon coast using mean monthly data.
1971 - Doctors

2156. Short, Kent Stuart. Recent tropical storm climatology in the eastern tropical Pacific Ocean and some applications.

2157. Earle, Marshall Delph. A three component drag probe for the measurement of ocean wave orbital velocities and turbulent water velocity fluctuations.

2158. Phelps, George Thomas. The fluxes of latent and sensible heat in the marine boundary layer.

2159. Swanson, Robert Lawrence. Some aspects of currents in Long Island Sound.

1972 - Doctors

2160. Bourke, Robert Hathaway. A study of the seasonal variation in temperature and salinity along the Oregon-Northern California coast.

2161. Cutchin, David Louis. Low frequency variations in the sea level and currents over the Oregon continental shelf.

2162. Hodgson, Robert Thomas. Fourier imaging in a hydrological medium; a test of the linear invariant hypothesis.


2165. Pillsbury, Ronald Dale. A description of hydrography, winds, and currents during the upwelling season near Newport, Oregon.

2166. Zaneveld, Jacques Ronald Victor. Optical and hydrographic observations of the Cromwell Current between 92°00' west and the Galapagos Islands.

1973 - Doctors


1974 - Doctors


2170. Enfield, David Bruce. Prediction of hazardous Columbia River bar conditions.


2172. Williams, Richard Melton. High frequency temperature and velocity fluctuations in the atmospheric boundary layer.

2173. Yao, Neng-chun G. Bispectral and cross-bispectral analysis of wind and currents off the Oregon coast.

1975 - Doctors


2175. Shreffler, Jack Henry. A numerical model of heat transfer to the atmosphere from an Arctic lead.

1976 - Doctors

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1977 - Doctors


2177. Marmorino, George Otto. Temperature fine-structure and microstructure observations in the coastal upwelling region off Oregon during the summer of 1974.

2178. Simpson, James Joseph. Small scale temperature structure of the upper ocean.

2179. Sobey, Edwin J. The response of Oregon shelf waters to wind fluctuations: differences and the transition between winter and summer.


PHYSICS DEPARTMENT

SEE ALSO General Science (radiological physics) Geophysics and Geophysical Oceanography Physical Oceanography

1971 - 1977 - Masters

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1971 - Doctors


2182. Carlson, James Robert. \( k^- + p \rightarrow k^0 + \Xi^0 \) differential cross section measurement at 1.8 GeV/c.


1972 - Doctors


2187. Losee, Jon Robert. Experimental electron energy distributions for Townsend discharges in argon gas.

2188. Lynch, Donald James. Observation of fine structure interference effects in Lyman-Beta radiation from beam-foil excited hydrogen atoms.
2189. Rogers, Charles William. Inelastic scattering of 17-MeV protons from \(^{14}\text{N}\) and \(^{15}\text{N}\).


1973 - Doctors


1974 - Doctors


2194. Hogan, Lewis Gregory. The recombination of atomic oxygen.

2195. Strayer, Richard Wesley. Work function measurements of single crystal surfaces by the field emission retarding potential method.

1975 - Doctors


2197. Crouch, Keith Goodin. Surface effects in photoemission from potassium.


1976 - Doctors

2200. Garg, Hari Prasad. Detection and electric field quenching of nitrogen atoms in the \(2S\text{p}^2\text{p}^6\text{S}^0/2\) metastable autoionizing state.

2201. Leung, Yee Kit. Atomic ejection in the single crystal sputtering of nickel with 40 - 600 eV argon ions.

2202. Shobaki, Jaser Mohammed. Angular correlation studies of \(E^2/M_1\) gamma-ray multipole mixing ratios in odd-mass spherical nuclei.

1977 - Doctors


1976 - 1977 - Doctors

2218. Jackson, Wilbur John. A study of the relationship between a small group discussion activity, the self-concept and reading achievement of selected fourth grade boys and girls.  
1974 - Doctors

2219. Haselton, Shirley Schantz. Identification of reading and study skills related to academic success in each of ten schools at Oregon State University.  
1975 - Doctors

2220. Shaw, Joan S. The effect of perceptual-motor physical education program on reading achievement in grade one.  
1976 - Doctors

2221. Holcomb, Carol Ann. Use of the cloze procedure as a criterion for measuring the readability of selected patient education materials for older adults.  

RECREATION EDUCATION  
1971 - 1977 - Masters

1972 - Doctors

1973 - Doctors

2224. Howard, Dennis Ramsay. Multivariate relationships between leisure activities and personality.  
1975 - Doctors

1975 - Doctors


1976 - Doctors

2228. Christensen, Donald Watson. An evaluation and criteria for implementation of a recreational motorboat educational licensing practice in Oregon.

1977 - Doctors

none

- SANITARY ENGINEERING
  SEE Biological Oceanography
  Civil Engineering Department
  Ocean Engineering

- SCIENCE, SCHOOL OF
  SEE Atmospheric Sciences Department
  Biochemistry and Biophysics Department
  Botany and Plant Pathology Department
  Chemistry Department
  Computer Science Department
  Entomology Department
  General Science Department
  Genetics
  Geography Department
  Geology Department
  Mathematics Department
  Microbiology Department
  Physics Department
  Statistics Department
  Zoology Department

- SCIENCE EDUCATION
  SEE ALSO Industrial and Technical Education

1971 - Masters

none

1972 - Masters

2229. Harms, Kenneth Kiely. A comparison of theoretical model construction between primary students using science curriculum improvement study materials (SCIS) and non SCIS primary students.

1973 - 1977 - Masters

none

1971 - Doctors


2231. Daugs, Donald Roger. Evaluation of the influence of multi-level reading materials on the achievement of fifth grade elementary science pupils when placed at reading level by an informal reading inventory.

2232. Lippe, Dwight Edgar. Some effects of videotape feedback on selected verbal and non-verbal teaching behaviors of prospective elementary teachers.

2233. McClure, Sherman Le Jeal. The application of cognitive dissonance theory to the acquisition of a Piagetian conservation task by selected elementary school children.

2234. Steiner, Robert Lewis. A factor analytic study of the attitudes of Oregon high school seniors toward socially significant science-related issues.

1972 - Doctors

2235. Anderson, Doloris Gerkevicz. An analysis of the effect of mathematics readiness education at the kindergarten level on the growth of conceptual ability of number as measured by Piaget's stages of the development of number.


2238. Hall, John Franz. The use of history of science case studies with first year education students to teach skills involved in scientific thinking.


2241. Raymond, Anne Dawley. The acquisition of nonverbal behaviors by preservice science teachers and their application during student teaching.

1973 - Doctors


2243. Pinneo, Robert Orin. A comparative study of time-sharing vs. batch processing in the teaching of introductory programming in FORTRAN.

1974 - Doctors

2244. Copeland, Robert McDaniel. A comparative study of visually perceived teacher nonverbal behavior and the formation of student affect among members of three different ethnic groups.


1975 - Doctors

2247. Thompson, Thomas Edward. A survey of the status and the needs opinion of science education in Oregon during the 1973-74 school year, grades K-12.
1976 - Doctors


2249. Clay, Sister Corinne. A study of the effect of two programs in high school biology upon critical thinking ability, specific affective behaviors, and attitudes toward education.

2250. Eyers, Vivian George. Environmental knowledge and beliefs among grade ten students in Australia.

2251. Pick, Donald Leonard. The effects of two selected elementary science study units on divergent-productive thinking and nonverbal cognitive abilities.

2252. Henderson, Guendolyn Witherspoon. Science for the societally liable [sic.]: the effect of a preliminary language-technique course upon academic success.


1977 - Doctors

2255. Ehindero, Oluola Joseph. Relationships between Piagetian cognitive development at the formal level and science background among prospective elementary school teachers.

2256. Hoover, John Michael. The effects of the science curriculum improvement study (SCIS) on science achievement of selected sixth grade students.

2257. Mohier, Mohammad Ibrahim. Some effects of an activity approach to teaching geometry in the high schools in Afghanistan.

2258. Swearingen, Dell L. The influence of applied mathematics problems on the achievement and attitude of community college vocational students.

SCIENCE, HISTORY OF
SEE General Science Department

SECONDARY EDUCATION
SEE Elementary and Secondary Education

SECRETARIAL SCIENCE
SEE Business and Distributive Education

SOIL SCIENCE DEPARTMENT
SEE ALSO Agricultural Engineering Department
        Civil Engineering Department
        Crop Science Department
        Forest Engineering Department

1971 - Masters

2259. Bhella, Harbans Singh. Subterranean clover yield and nutrient content as influenced by soil molybdenum status.

2260. Fazilat, Mohammad. Growth rate and phosphorus uptake of wheat (Triticum aestivum VILL., Host) as a function of soil water suction and soil temperature.

1972 - Masters

2261. Caynor, John Donald. Surfactant effects on bromacil and picloram adsorption by Oregon soils.


2264. Schönle, Dieter Hans-Friedrich. Nutrient uptake by conifer seedlings as influenced by root CEC and competing species.


1973 - Masters


2267. Impichuksa, Viroch. Management effects on the nitrogen phosphorus and sulphur status of grass-legume pastures.

2268. Jacks, Clinton Cecil. Potato yield and grade as influenced by nitrogen fertilizer and irrigation frequency.


2270. Young, Richard Su-shung. Ion uptake by wheat (Triticum aestivum VILL., Host) as a function of soil water suction and soil temperature.

1974 - Masters

2271. Spycher, Gody. Extractable forms of Al and Fe in acid Western Oregon soils.


2275. Wivutvongvana, Paibool. Corn (Zea mays L.) yields as influenced by nitrogen, row spacing and intercropped ryegrass (Lolium multiflorum).

1975 - Masters


2278. Cottrell, Nancy McCombs. Disposal of municipal wastes on sandy soil; effect on plant nutrient uptake.

2279. Halitligil, Mahmut Basri. Effect of soil moisture, temperature, bulk density, and texture on emergence of three wheat varieties (Triticum aestivum, L).


2282. Hodges, Tom. Leaf elongation as a function of soil water potential and photoperiod.

2283. Kalayci, Mufit. Effect of N, Mn, and Cr treatments on nutrient uptake by barley, oats, wheat, and triticale.

2284. Kresge, Paul Owen. Identification of potential copper and molybdenum livestock nutrition problems with forage analysis.

1976 - Masters


2288. Prothero, Gary Lewis. Nitrogen and heavy metal distribution in soils utilized as sludge disposal sites.

2289. Silvermane, Clair Ellwood. Turbidity in Prineville Reservoir as related to soils and hydrology.


2291. Yingjajaval, Suntaree. Ozone inhibition of transpiration and photosynthesis of two soybean (Glycine max. (L.) Merr.) cultivars.

1977 - Masters


2293. Ezenwa, Matthew Ikehuku Sunday. Comparative study of some soil characteristics of grassland and forest/grassland transition in western Oregon.

2294. Warner, Susan Ann. Cation exchange properties of forest litter as influenced by vegetation type and decomposition.

1971 - Doctors


2296. Murarka, Ishwar Prasad. The effects of nitrogen, potassium and chloride on nutrient composition in Russet Burbank potatoes (Solanum tuberosum).


1972 - Doctors


2300. Doak, William Herman. Cation retention and solute transport related to porosity of pumiceous soils.

2301. Meurisse, Robert Thomas. Site quality of western hemlock and chemical characteristics of some western Oregon andic soils.


2303. Saxena, Subodh Kumar. Theoretical and experimental evaluation of transfer of 2,4-di-chlorophenoxyacetic acid in porous media.

2304. Schreiber, Jonathon Dennis. Moisture influences on bromacil distribution in the soil and resultant uptake and phytotoxicity.

1973 - Doctors


2308. Harris, Billy Lynn. Genesis, mineralogy, and properties of Parkdale soils, Oregon.

2309. Kuos, Eugene Cheng-yen. The reactions of picloram and 2, 4-D with montmorillonite clays and soils.


2311. Reckendorf, Frank Fred. Techniques for identifying flood plains in Oregon.

2312. Rykhost, Kenneth Albert. An evaluation of soil warming for increased crop production.


2314. Webber, Bruce Douglas. Plant biomass and nutrient distribution in a young Pseudotsuga menziesii forest ecosystem.

1974 - Doctors


2316. Dingus, Delmar DeLee. The nature and properties of amorphous colloids formed from Mazama tephra.


1975 - Doctors


2319. Young, Richard Su-shung. Temperature and water potential effects on physiological functions of sudangrass (Sorghum vulgare var. Piper).
1976 - Doctors

2320. Fredriksen, Richard Lee. Nitrogen, phosphorous and particulate matter budgets of five coniferous forest ecosystems in the western Cascades Range, Oregon.

2321. Rhue, Roy Dean. The time-concentration interaction of Al toxicity in wheat root meristems.

1977 - Doctors


2325. Kresge, Paul Owen. Diagnosis and correction of copper deficiency of small grains in Oregon.

2326. Pettygrove, George Stuart. Urea release from sulfur-coated urea and nitrogen utilization by tall fescue.

1976 - Doctors


1977 - Doctors


2331. McRae, Kenneth Bruce. Inference procedures for distributions with proportional failure rate functions.

2332. Ferguson, Nancy Chyan-huei Lo. Performance of some tests for bivariate independence, interchangeability, and equality of distributions of ratios.


2334. Schroeder, Anita Gayle. Classification schemes on incomplete block models.


1976 - Doctors


2337. Daly, James Cornelius. A Bayesian approach to two-phase regression.


2339. Dodge, Yadolah. Estimability considerations for n-way classification experimental arrangements with missing observations.

2340. Fegan, George Reilly. The pure birth process with time-independent, unequal transition parameters: maximum likelihood estimation; exact and computational forms for the expectation and the variance of the process.


1977 - Doctors


2344. Lejeune, Michael Georges. A maximum likelihood approach to prediction with applications to binomial and Poisson populations.

2345. Ott, Melvin Leroy. Optimal policies in continuous Markov decision chains.

TEXTILES
SEE Clothing, Textiles, and Related Arts Department

TRADE AND INDUSTRIAL EDUCATION
SEE Industrial and Technical Education Science Education

TOXICOLOGY, PHARMACEUTICAL
SEE Pharmacology and Toxicology

VETERINARY MEDICINE, SCHOOL OF
SEE Veterinary Medicine Department

VETERINARY MEDICINE DEPARTMENT
1971 - 1973 - Masters

1974 - Masters

2352. Peterson, Patricia Lue. Pathogenesis of bovine adenoviral infections in newborn calves.

1975 - Masters

2353. Gradin, Joseph Lloyd. A selective medium for isolation of \textit{Bacteroides nodosus}.


1977 - Masters

2355. Hudkins, Glenna Gale. Experimental cervine \textit{Sarcocystis} infections in mule deer.


1971 - 1977 - Doctors


2359. Daugherty, Ronald DeWayne. Identification of factors influencing high school students in selecting an occupational program major in an Oregon community college.


2361. Sparks, Lanny. A study of the effects of various characteristics upon enrollee achievement in the Neighborhood Youth Corps program operating in the rural counties of Oregon.

2362. Wallace, Gordon Lee. An analysis of selected factors relating to the criteria and procedures for selection of occupational advisory committee members.

2363. Ward, Darrell Lin. Vocational education competencies identified for local leaders of occupational education.

1972 - Doctors


2365. Spaziani, Richard Louis. The application of Bloom's taxonomy to professional education competencies of selected vocational instructors.


1973 - Doctors


2368. Daly, Crayton Brooks. Projection model assessing the need for instructors of occupational subjects in Oregon's community colleges.

2369. Heuchert, Arnold Henry. A study of the effects of two organizational variables on the perceived need satisfactions of community college vocational administrators in four western states.

2370. Ludlow, Gerald Clayberg. A comparison of student achievement in individualized and traditional electricity-electronics programs and the effects of educators' attitudes.


2372. Syhlman, Bill Duane. Identification of in-service personnel development needs in career awareness for Portland and Seattle elementary schools.
1974 - Doctors


2374. Bowden, Shirley Smith. The influence of work values in the life planning of tenth grade girls.


2376. Massie, Jean Elaine. The identification of the processes of vocational education administration.


2378. Reinmuth, Charles Morris. A profile of professional improvement needs as perceived by occupational education instructors in Oregon community colleges.

2379. Warberg, William B. An analysis of the ability and achievement of students in career cluster programs compared to students not in career cluster programs.

1975 - Doctors

2380. Ashlock, James William. Descriptive factors of career education applied to a teacher education model.


2382. King, Reed Lewis. A comparison of work values of emotionally disturbed adolescents and normal adolescents.

1976 - Doctors

2383. Fuller, Gary Ray. A comparison of philosophies of OSU graduates who are experienced teachers of vocational education and undergraduate vocational teacher trainees on an essentialist-progressive scale at OSU.


2385. Haim, David J. The affect [sic.] that expected social and technological changes will have on established occupations with implications for curriculum development.


2387. Swinney, Richard James. A study to develop a career education component for teacher education students.

1977 - Doctors


1974 - Masters

2390. Hamby, Jeannette J. An analysis of the effectiveness of a career education cluster curriculum as reflected by student growth in career maturity.


2392. Stratton, Herbert B. The construction, and use of a model instrument for the assessment of attitude, opinion, and interest related to community resource utilization in career education.

- WILDLIFE ECOLOGY AND MANAGEMENT
  SEE Animal Science Department
  Fisheries and Wildlife Department

- WILDLIFE SCIENCE
  SEE Fisheries and Wildlife Department

- WOMEN'S STUDIES
  SEE Adult, Community College, and Community Education (Goltra, Raylene Denise #20)

- WOOD CHEMISTRY
  SEE Forest Products Department

- WOOD PRODUCTS
  SEE Forest Management Department
  Forest Products Department

- ZOOLOGY DEPARTMENT

1971 - Masters


2395. Poola, Antoinette Marie. Active uptake of chloride across the skin of the frog, Rana pipiens (Schreber).

1972 - Masters

none

1973 - Masters


2397. Elvin, Patricia J. An ultrastructural study of early cleavage in Mytilus.

2398. Lindahl, Alice Marie. Isolation and characterization of the nuclear histones from developing embryos of the brine shrimp, Artemia salina.

1974 - Masters

2399. Hootman, Seth Richard. Fine structure and function of the neck organ in the brine shrimp Artemia salina nauplius.


2403. Kent, Bretton Wayne. A study of predation on Notoplana acticola Boone, 1929 and Cucumaria curata Cowles, 1907 in mussel beds using a serological technique.


2406. Clothier, Glen Warren. Aerial and aquatic respiration in the neotenic and transformed Pacific giant salamander, Dicamptodon ensatus (Eschscholtz).


2412. Alaspach Jr., George Samuel. Osmotic and ionic regulation in the Dungeness crab, Cancer magister (Dana).


employing the scanning and transmission electron microscopes.

2437. Salamon, Michael. The effects of various factors on the formation and fate of extranuclear chromatic bodies in *Tetrahymena pyriformis*.

2438. States, James B. Local adaptations in chipmunk (*Eutamias amoenus*) populations and evolutionary potential at species' borders.


2440. Ulbricht, Richard Jules. Metabolic adjustment to temperature in *Strongylocentrotus purpuratus* (Stimpson).

1975 - Doctors


2442. Clover, Robert C. Morphological variations in populations of *Lacerta* from islands in the Adriatic Sea.

2443. Mullen, Terry Lee. Ionic regulation in anurans.


2445. Rothlisberg, Peter Charles. Larval ecology of *Pandalus iordani* Rathbun.

2446. Sype, William E. Breeding habits, embryonic thermal requirements and embryonic and larval development of the Cascade frog, *Rana cascadae* Slater.

1976 - Doctors

2447. Hamada, Spencer Hiroshi. The morphological events during the self-reassembly of the sea urchin embryo in culture.

2448. Law, Daniel Tin-hung. Studies on some digenetic trematodes from Ritner Creek, Polk County, Oregon.

2449. Pennington, Janet. Calcium metabolism and regulation in larval *Rana catesbeiana*.

1977 - Doctors


2452. Riddle, Clara Varady. The chick allantois: an ultrastructural and cytochemical study of an ion transporting epithelium.


2454. Seavy, Donald Keith. Seasonal gametogenesis and egg laying in the prosobranch gastropods *Nucella lamellosa*, *Nucella emarginata*, *Searlesia dira* and *Amphissa columbiana* on the Oregon coast.

2455. Taylor, James Thomas. The behavioral ecology of larval and neotonic northwestern salamanders (*Ambystoma gracile*).
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APPENDIX I: THESES & DISSERTATION HEADINGS GROUPED BY SCHOOLS & COLLEGES

(headings without "department" designations are subject emphases, not formal departments)

COLLEGE OF LIBERAL ARTS
No advanced degrees; see "Interdisciplinary Studies" for Masters.

COLLEGE OF SCIENCE
- Atmospheric Sciences Department
- Biochemistry & Plant Biophysics Department
- Botany & Plant Pathology Department
- Chemistry Department
- Computer Science Department
- General Science Department
- Genetics
- Geography Department
- Geology Department
- Mathematics Department
- Microbiology Department
- Physics Department
- Statistics Department
- Zoology Department
  - Engineering Physics - undergraduate program only; no thesis

COLLEGE OF AGRICULTURE
- Agronomic Crop Science; see Crop Science Department
- Agricultural & Resource Economics Department
- Agricultural Education (jointly with School of Education)
- Animal Science Department
- Crop Science Department
- Fisheries & Wildlife Department
- Food Science & Technology Department
- Horticulture Department
- Poultry Science Department
- Rangeland Resources; see Animal Science Department
- Soil Science Department
  - Agricultural Chemistry - undergraduate program only; no thesis
  - Agricultural Engineering Technology - undergraduate program only; see Agricultural Engineering Department under School of Engineering

SCHOOL OF BUSINESS
Does not do theses. See "Business Education" under heading School of Education.

SCHOOL OF EDUCATION (Does not have departments)
- Adult, Community College, & Community Education
- Agricultural Education (jointly with School of Agriculture)
- Business & Distributive Education
- College Student Services Administration
- College, University Teaching & Administration
- Counseling & Guidance
- Elementary & Secondary Education
- Health Education (jointly with School of Health & Physical Education)
- Home Economics Education (jointly with School of Home Economics)
- Industrial & Technical Education
- Physical Education
- Reading Education
- Science Education
- Vocational Education
  - Media Education; see Elementary & Secondary Education

SCHOOL OF ENGINEERING
- Agricultural Engineering Department - masters only
- Chemical Engineering Department
- Civil Engineering Department
- Electrical & Computer Engineering Department
- Electrical & Electronics Engineering; see Electrical & Computer Engineering Department
- Industrial & General Engineering Systems Department
- Mechanical Engineering Department
- Nuclear Engineering Department
- Ocean Engineering (jointly with School of Oceanography)
  - Engineering Physics - undergraduate program only, in College of Science

SCHOOL OF FORESTRY
- Forest Engineering Department
- Forest Management Department
- Forest Products Chemistry; see Forest Products Department
- Forest Products Department
- Forest Recreation Management; see Forest Recreation Management Department
- Forest Science Department

SCHOOL OF HEALTH & PHYSICAL EDUCATION
- Health Education; see Health Education Department
  - Physical Education - undergraduate only; see "Physical Education" under heading School of Education.

SCHOOL OF HOME ECONOMICS
- Clothing, Textiles & Related Arts Department
- Family Life Department
- Family Resource Management Department
- Foods & Nutrition Department
- Home Economics Education (jointly with School of Education)
- Institution Management - undergraduate program only; no theses; see Foods & Nutrition Department.

SCHOOL OF OCEANOGRAPHY
- Biological Oceanography
- Chemical Oceanography
- Geophysics & Geophysical Oceanography
  - (jointly with Departments of Physics, Geology, and Mathematics)
- Physical Oceanography
- Ocean Engineering; see Ocean Engineering Department
  - Marine Resource Management - non-thesis masters

SCHOOL OF PHARMACY (Does not have departments)
- Pharmaceutical Chemistry
- Pharmaceutical Science
- Pharmacology & Toxicology
- Pharmacy Administration; see Pharmaceutical Science

SCHOOL OF VETERINARY MEDICINE
- Veterinary Medicine Department