

PART III

Brief history of the OSU Physics Department  
from 1970 to 1979.

Carole L. Holmquist

1970-71

Faculty: Dr. James J. Brady was acting chairman.

Dr. Richard Craig was reappointed as assistant professor for one year.

Dr. David Grillot was reappointed as a visiting assistant professor.

Courses: There were no course changes.

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1971-72

Faculty: Dr. David Griffiths was promoted to associate professor.

Dr. David Grillot was reappointed as a visiting assistant professor.

Dr. Larry Schecter was appointed chairman of the Physics Department.

Courses: There were no course changes.

1972-73

Faculty: Dr. Will Au was no longer with the department.

Dr. James J. Brady retired in June of 1973 after 39 years with the Physics Department.

Dr. Peter Fessenden was promoted to associate professor and given leave without pay to Stanford University.

Dr. David Grillot was reappointed as a visiting assistant professor.

Dr. Victor Madsen was promoted to full professor.

Courses: There were no course changes.

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#### 1973-74

Faculty: Dr. Howard Davis was no longer with the department.

Dr. Peter Fessenden was again on leave without pay to Stanford and later resigned to continue his work there.

Dr. John A. Gardner was appointed as associate professor. Dr. Gardner received his B.A. at Rice University in 1961, his M.S. from the University of Illinois in 1963 and his Ph.D. from the University of Illinois in 1966. Dr. Gardner came to the Physics Department from the University of Pennsylvania where he was an assistant professor.

Dr. Carl A. Kocher was appointed as assistant professor. Dr. Kocher received his A.B. from the University of California at Berkeley in 1963 and his Ph.D. from the University of California at Berkeley in 1967. Dr. Kocher came to the Physics Department from Columbia University where he was a lecturer and senior research associate.

Courses: Two new courses were offered this year as a part of the physics curriculum. They were Ph 199 - Special Studies and Ph 441-3 - Methods in Mathematical Physics. One course sequence, Ph 221-3 - Physics I, was dropped.

#### 1974-75

Faculty: Dr. Peter Fontana was promoted to full professor.

Dr. Kenneth S. Krane was appointed as assistant professor. Dr. Krane received his B.S. from the University of Arizona in 1965, his M.S. from Purdue in 1967 and his Ph.D. from Purdue in 1970. Dr. Krane came to the Physics Department from the Lawrence Berkeley Laboratory where he worked as a research associate.

Dr. Rubin H. Landau was appointed as assistant professor. Dr. Landau received his B.S. from Cornell University in 1965, his M.S. from the University of Illinois in 1966 and his Ph.D. from the University of Illinois in 1970. Dr. Landau came to the Physics Department from the University of British Columbia where he worked as a teaching post-doctoral fellow.

Courses: Many new courses were offered as a part of the physics curriculum. Ph 115 - From Fundamental Particles to the Cosmos; Ph 214 - General Physics I; Ph 416-7 - Electrical and Magnetic Measurements; and Ph 435 - Optics Laboratory were offered.

1975-76

Faculty: Dr. Charles Drake was promoted to full professor.

Dr. Stuart Richert was no longer with the department.

Dr. Tilak C. Sharma was appointed as a post-doctoral research associate. Dr. Sharma received his B.S. in India in 1956, his first M.S. at Panjab University, India in 1957, his second M.S. at the University of Denver in 1967 and his Ph.D. at the University of Alberta, Edmonton, Alberta in 1972. Dr. Sharma came to the Physics Department from the University of Laval, Quebec where he was employed as a post-doctoral research fellow.

Courses: One course changed its title. Ph 567-9 was no longer known as Quantum Field Theory. It was listed as Advanced Quantum Mechanics.

Several courses were dropped from the curriculum. Ph 113 - Abridged General Physics; Ph 311-3 - General Physics II; Ph 437-9 - Electronics; Ph 481-3 - Quantum Physics; Ph 546-8 - Introductory Solid State; Ph 549 - Conduction of Electricity Through Gases; Ph 575-7 - Experimental Nuclear Physics; and Ph 587-9 - Plasmas in Gases and Solids were all dropped from the catalog.

1976-77

Faculty: Dr. Charles Drake was acting chairman.

Dr. Larry Schechter, chairman of the department, was on sabbatical leave to France and later resigned chairmanship of the Physics Department.

Dr. Tilak Sharma was appointed as a visiting assistant professor.

Dr. Albert W. Stetz was appointed as assistant professor. Dr. Stetz received his B.S. at Pennsylvania State University in 1962 and his Ph.D. at the University of California at Berkeley in 1968. Dr. Stetz came to the Physics Department from the University of Alberta where he was a visiting assistant professor.

Courses: One sequence changed its title. Ph 111 and 112 were no longer known as Abridged General Physics. They were listed as Concepts and Fundamentals of Physics.

1977-78

Faculty: Dr. Charles Drake was appointed chairman.

Dr. Kenneth Krane was on sabbatical leave to Oxford, England spring and summer terms.

Dr. Rubin Landau was on sabbatical leave to California.

Dr. Robert L. Rasera was appointed as visiting associate professor. Dr. Rasera received his B.S. from Wheaton College in 1960 and his Ph.D. from Purdue in 1965. Dr. Rasera was on leave from the University of Maryland (Baltimore County) where he is an associate professor.

Dr. Alfred Ritter was appointed as a visiting assistant professor for spring term. Dr. Ritter received his B.A. from Rice University in 1966 and his Ph.D. from the University of Pennsylvania in 1972. Dr. Ritter was on leave from Virginia Polytechnic Institute where he is an assistant professor.

Dr. Tilak Sharma was reappointed as a visiting assistant professor.

Courses: One new course was offered as a part of the physics curriculum. Ph 411 entitled Introduction to Laser Physics was offered.

1978-79

Faculty: Dr. Harry Easterday was on sabbatical leave to Queen's University and Guelph University in Ontario.

Dr. Robert Fischer was appointed as a research associate from the University of Marburg, West Germany.

Dr. Carl Kocher was promoted to associate professor.

Dr. Kenneth Krane was promoted to associate professor.

Dr. Rubin Landau was promoted to associate professor.

Dr. Horst Radscheit was appointed as a visiting assistant professor from the University of Heidelberg, West Germany.

Dr. Tilak Sharma was appointed as a research associate for fall term.

Dr. Kazushi Sugawara was appointed as a research associate for the summer and fall terms from Japan.

Courses: One new course was offered, Ph 104 - Descriptive Astronomy.

Ph 204 - Astronomy was dropped from the catalog listing.