

THE ALUMNI AND FACULTY AUTHORS

Donald P. Gavin received his AB and MA degrees from John Carroll University, the latter in 1934. Upon graduation he joined the faculty of the Department of History and Political Science at JCU where he served the University until becoming dean of the Evening College in 1965. Don was Dean of the Graduate School from 1967-76 and Director of Institutional Planning until 1980. In 1985, he completed his definitive work on the history of the University, *John Carroll University, A Century Of Service*. He currently serves as University Historian.

Eric J. Foell attended John Carroll from 1972-74. Upon completing his MS degree he received a Fulbright-Hays fellowship for doctoral studies at Universitat Hamburg. Eric subsequently attended the Virginia Institute of Marine Science where he continued his studies in oceanography. Currently Eric is Senior Marine Scientist/Oceanographer with Deepsea Ventures, Gloucester Point, Virginia.

Delores M. Schroeder is presently Associate Professor and Head of the Anatomy Section at the Indiana University School of Medicine. She received her MS from John Carroll in 1966 and a PhD from Case-Western Reserve in 1970. Her research of the nervous system has resulted in the publication of 43 scientific publications and abstracts. Dr. Schroeder is presently a member of nine scientific organizations, serves as a member of NSF grant evaluation teams and is a member of a Northcentral Association of Colleges and Schools Accreditation Evaluation team.

Timothy A. Kral received his BS degree from John Carroll in 1973 and his PhD from the University of Florida in 1978. Tim is now a member of the faculty of the Department of Microbiology at the University of Arkansas. His current research interests in caries-producing bacteria involve studies of fluoride resistance, antibiotic resistance, and trace mineral inhibition of *Streptococcus mutans*. Ten publications and 21 papers presented at meetings and symposia have resulted from his active research program.

Bruce A. Colvin is currently a postdoctoral fellow at Bowling Green State University and is a consultant to ICI Americas. His major interest in owls, rodent control, and rodenticides has led to numerous studies of integrative ecology involving animal behavior, population dynamics, and the secondary effects of pesticides. Bruce received his MS degree from John Carroll in 1980 and completed the doctorate at Bowling Green in 1984.

E. Bruce McLean is chairman of the Biology Department at John Carroll University. His research into animal behavior and ornithology are presently directed toward an understanding of the Barn Owl, an Ohio endangered species. His interest in bioacoustics has recently resulted in publication of a record containing vocalizations of the Barn Owl; corroborative efforts with Dr. Colvin have resulted in the paper being presented in this issue. Dr. McLean received his PhD from The Ohio State University in 1968.

Paul A. Catalano earned his BS and MS degrees from John Carroll in 1971 and 1974, respectively. While at John Carroll he researched the ecology of amphibians; an interest which he carried into his studies of the ecology of amphibian parasites at the University of Cincinnati. He earned his doctorate at Cincinnati in 1982 and since that time he has been on the faculty of Lakeland Community College.

Irene Tschismadia also received her BS (1972) and MS (1975) degrees from John Carroll. She completed her PhD in Anatomy in 1982 at The Ohio State University where she remained as a researcher with the Comprehensive Cancer Center until 1984. In 1984, Irene joined the faculty of the College of Osteopathic Medicine at Ohio University. Eleven publications, nine papers, and four abstracts have resulted from her interesting research in microscopic anatomy and molecular biology.

Thomas S. Hasenstaub attended John Carroll where he completed his BS degree in 1972 and a MS in 1977. Tom received a second MS degree at Kent State University in palynology (1985). He has presented papers of the results of studies of coal seams and is a member of the American Association of Stratigraphic Palynologists.

Ihor Hlohowskyj has recently completed his doctoral degree at Miami (Ohio) University (1985), and is presently a Visiting Assistant Professor at that institution. His MS degree from John Carroll was conferred in 1977. Ihor is especially interested in the ecology of fishes, primarily the darters. He is an author of six journal articles and six papers presented at scientific meetings.

Helen M. Murphy received her MS degree from the Biology Department of John Carroll University in 1967 and a PhD in Physiological Psychology from the Illinois Institute of Technology in 1969. She joined the faculty of the Department of Psychology at John Carroll in 1969. Currently Dr. Murphy is coordinator of the Neuroscience Concentration at John Carroll and is actively involved in neuroscience research. She is author of more than 40 scientific articles and presentations, and continues her active program in physiological psychology. In 1980, Dr. Murphy was the recipient of the distinguished faculty award at JCU.

Cyrilla H. Wideman is professor of Biology at John Carroll where she and Dr. Helen Murphy combine their respective talents in physiology and physiological psychology. Dr. Wideman received her MS at Notre Dame (Indiana) and a PhD from Illinois Institute of Technology. Since joining the faculty in 1972, she has pursued an active research program in the field of mammalian physiology. This research has resulted in the publication of nearly forty papers and abstracts. Dr. Wideman has been selected to receive the distinguished faculty award during this centennial year at John Carroll University.

John C. Mergo received his MS degree from John Carroll in 1981, an MA and PhD from The Ohio State University (1983, 1986), and is presently a student at the Chicago College of Osteopathic Medicine. Author of 26 publications and presentations, John is a respected authority on the monogenetic trematodes of fishes.

C. Stephen Sikes is presently an Assistant Professor at the University of South Alabama, Mobile. After receipt of his MS from John Carroll in 1973 (BS-JCU 1971), Steve completed a PhD at the University of Wisconsin in Limnology and Oceanography. He lectured at the University of West Jamaica in 1978-79 and was research associate at Duke University before joining the faculty at Alabama. Aquatic chemistry and biomineralization are his major research interests, an area in which Steve has published 23 papers.

Miles M. Coburn is interested in the evolution and zoogeography of North American minnows. Since receiving his MS degree from John Carroll in 1975, Miles has completed a PhD at The Ohio State University (1982). He joined the faculty of Biology at John Carroll in 1982. Using skeletal characteristics, Dr. Coburn is currently studying evolutionary relationships among species of cyprinid fishes.

Stephen R. Mountainspring is a senior researcher with the US Fish and Wildlife Service at the Hawaii National Forest. Upon his graduation (BS 1975) from John Carroll he received an NSF Doctoral Fellowship and completed his PhD at Cornell in 1980. His work with Hawaiian birds recently led to the rediscovery of Bishop's oo, *Mobo bishopi*, a bird thought to have been extinct since 1904. Steve's interest in population dynamics and ecology has resulted in dozens of scientific publications, one of which recently received the Harry R. Painton Award for the best paper in *Condor*.

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The following instructions are presented in order to minimize revisions and editorial corrections. Uniformity of style and format necessitates attention to detail by authors.

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