

The Ohio State University Emeritus Academy Newsletter: May, 2021 (Volume 4)

**Editor, Joseph F. Donnermeyer
(Past Chair, EA Steering Committee)**

Whew! The 2020-2021 academic year is now history, and it seems that everyone survived, despite the challenges. With fingers crossed for good luck, let's hope all of us – emeritus faculty, regular faculty, instructors, students, and staff – will be able to walk freely on our lovely campus and greet each other in the same fashion we did before Covid-19.

Not only did the Emeritus Academy survive, but in a way, it thrived. All of the online seminars were well attended. In fact, several had higher attendance than the audience size when we used to meet in the Grand Lounge at the Faculty Club – and without those delicious, delectable buckeyes! The value of zoom calls also taught a lesson to all of us – a live audience is great, but many EA cannot be there in person, often because they live too far away, the weather is not favorable, perhaps we have the “sniffles” and a number of other reasons. If we do return to seminars at the Faculty Club, we also hope to provide zoom participation as an option for everyone. It expands the audience and gives the lecture series, the Emeritus Academy, and The Ohio State University more recognition.

**Ardine Nelson, Professor Emerita of Art
Chair, Emeritus Academy Steering Committee**



**Emeritus Academy Membership Recruitment Reception,
February, 2019
Geological Museum, Orton Hall**

Thank you!

Emeritus Academy Lecture Series (2020-2021)

A look back on the 2020-2021 academic year and its regular schedule of lectures reminds us that so much of the duties we performed as faculty members, and now as Emeritus faculty, is voluntary in nature. All eight of our volunteer presenters deserve that proverbial “big round of applause” for putting in the time necessary to prepare and then present their quality lectures. The lectures are recorded and can be revisited on the EA website at: <https://oaa.osu.edu/2020-21-emeritus-academy-lecture-series>. As well, recordings of all previous lectures, beginning with the 2017-2018 academic year, can be accessed by going to: <https://oaa.osu.edu/emmeritus-academy-lecture-series>.

The 2020-2021 lectures series:

Philip T.K. Daniel (Educational Studies), “Maximum Extent ‘Appropriate’ of ‘Possible’: Which is it for Placement in the Regular Classroom,” September 9, 2020

Jean-Michel Guldmann (City and Regional Planning), “Green Infrastructure, Urban Planning and Design, and the Urban Heat Island: Mitigation Strategies in the Era of Climate Change,” October 7, 2020

Helen Fehervary (Germanic Languages and Literatures), “Peter Lorre and Bertolt Brecht: A Working Relationship and Friendship Beyond Hollywood”, November 4, 2020

Gary Bernston (Psychology), “History and Current Status of Approaches to the Detection of Veracity and Deception in the Context of National Security,” December 2, 2020

Duane Roller (Classics), “Cleopatra’s Daughter: The Invisible Royal Women of the Ancient World,” February 3, 2021

William Clark (Materials Science and Engineering), “It’s a small(er) World – Looking at Atoms at Ohio State,” March 3, 2021

Carole Fink (History), “The Unexpected Arrivals: Soviet Jewish Immigration to West Germany, 1973 to 1989,” April 7, 2021

David Huron (Music), “The Science of Sad Sounds: How and Why Many People Enjoy Listening to Sad Music,” May 5, 2021

Upcoming!

Emeritus Academy Lecture Series (2021-2022)

Lots of “good stuff” coming up next year, even though it remains unsure if the lectures will be at the Faculty Club with a live audience, or zoom only, or some other combination. The plans at the moment is to offer both venues, that is, finding an on-campus facility where part of the audience will participate via zoom, and the remainder in-person. In the meantime, here is the tentative schedule and preliminary titles for the 2021-2022 academic year lecture series (months only – exact dates are not yet set, but traditionally, lectures are scheduled for the first Wednesday of the month).

September: Elizabeth Lenz, Professor Emerita of Nursing – “An Approach to Understanding the Symptom Experience”

October: Carter Findley, Professor Emeritus of History – “Enlightening Europe on Islam and the Ottomans”

November: Jackie Wood, Professor Emeritus of Physiology and Cell Biology – “Research on Ulcerative Colitis, Crohn’s, and Colon Cancer”

December: J. Marshall Unger, Professor Emeritus of East Asian Languages and Literature – “Misunderstanding Chinese Characters: What’s Been Learned Since 1998”

February: Michael Grever, Professor Emeritus of Hematology – “Hairy Cell Leukemia”

March: Richard Green, Professor Emeritus of English – “Fairies and Fairy Tales”

April: Bruce Kimball, Professor Emeritus of Educational Studies – “The Intellectual Sword: Harvard Law School in the Twentieth Century”

May: Mark DeBard – Professor Emeritus of Emergency Medicine – “Types of Lilacs: Taxonomy and Breeding”

New Members of the Emeritus Academy:

Twice each year, the Steering Committee reviews and selects new members for the Emeritus Academy. Below is the list from its Spring Semester review of applications.

Anne Carey, Professor Emerita of Earth Sciences: Her research includes the relationship between weathering and landscape evolution in the transport of solutes and sediments, primarily in small mountainous rivers; the role of urbanization and of agriculture on water quality; determination of geochemical mass balances on the watershed scale; coastal aquifer dynamics; and permafrost hydrology and the impact of climate change on water resources.

Elizabeth Davis, Professor Emerita of Spanish and Portuguese: Her scholarship focuses particularly on poetry, the novel and nonfictional narrative 16th-17th-century Spanish literature. Dr. Davis was president of the Society for Renaissance and Baroque Hispanic Poetry from 2014-2017. Her current book project is tentatively titled *The Seafarer's Bond: Risk, Transaction and Textual Circulation in the Iberian Atlantic (1544-1655)*.

Karen Eliot, Professor Emerita of Dance: Karen Eliot danced with the Merce Cunningham Dance Company for many years. "Look Around the Corner" is a choreography text that includes ample historical and contextual information about Merce Cunningham's repertory and his teaching and choreographic processes. She is the author/co-author & co-editor of two books: *Risk is a Relative Term* and *Albion's Dane: British Ballet During the Second World War*. Professor Eliot was the recipient of the Alumni Award for Distinguished Teaching in 2016.

Bernhard Fischer, Professor Emeritus of Germanic Languages and Literatures: Professor Fischer current scholarly interests includes: transcultural theory and literary analysis, the political writings of the German-Jewish Enlightenment authors Saul Ascher (1767-1822), the aesthetics of recognition applied to the canonical fiction of Heinrich von Kleist, Georg Büchner and Franz Kafka; and the social and political legacies of Romantic aesthetics around 1800.

Earl Harrison, Professor Emeritus of Human Sciences: Professor Harrison continues to work extensively with scholars on various issues associated with human nutrition. He has researched and published extensively with colleagues at various universities, and currently collaborates with researchers at Columbia University College of Physicians and Surgeons, the acting Chief of Nutritional Sciences Research of the National Cancer Institute, and the US Department of Agriculture Human Nutrition Research Center, among others.

William Lafuse, Professor Emeritus of Microbial Infection and Immunity: His research is focused on studying the interaction of pathogens, with the immune system and recently, he has also included the SARS-Cov2 virus. He is the principal or co-principal investigator on numerous grants from the National Institute of Allergy and Infectious Disease, and has published extensively on stress, immune systems, and inflammation.

Terrell Morgan, Professor Emeritus of Hispanic Linguistics: Terrell A. Morgan is a phonologist and dialectologist concerned with documenting linguistic diversity and finding new ways to put students, teachers, and fellow researcher in touch with the intimate details of the sounds and structures of Spanish. He will remain busy for many years to come because on his Emeritus Academy application, he describes five “unfinished projects”, two of which he has left “in the capable hands of former students”. To mention only one of the remaining three, Professor Morgan is producing a second edition of a Spanish phonetics textbook and instructor’s manual, to be published by Yale University Press.

Morton O’Kelly, Professor Emeritus of Geography: Professor O’Kelly was the Dean of Social and Behavioral Sciences from 2018-2020 and chair of the Department of Geography from 2015-2018, yet, maintained an active record of publication. Professor O’Kelly will continue to research and published in the areas of location theory, transportation models, and quantitative methods. Two of his present research projects are focused on the costs and environmental impacts of hub network design, and the spatial interactions of commuting. He has successfully advised 28 graduate students to completion of their PhDs, with placements at the University of Cincinnati, University of Texas Austin, Seoul National University, and the Mayo Clinic, among others.

Chan Park, Professor Emerita of East Asian Languages and Literatures: Currently, Professor Chan is completing her second monograph on pansori, which is Korean traditional Story Singing, to be published by Bloomsbury Press as part of its “Forms of Dance” series. Its title is: *Pansori as Voice Theatre: History, Theory and Practice*. Professor Park is also the author of three other books on Korean songs, prose and story singing, and has published throughout her career in numerous book chapters, articles, and web-based multimedia productions and documentaries.

Vish Subramaniam, Professor Emeritus of Mechanical and Aerospace Engineering: Professor Subramaniam has focused on the biomedical sciences and specifically on bioelectricity, including interactions of low frequency electromagnetic waves with cells and tissues, with important applications in detection and imaging of solid tumors, controlling cell migration, and metastasis. Over the course of his distinguished career, Professor Subramaniam has secured nearly \$10 million in externally funded research grants and published over 100 peer-reviewed journal articles, book chapters and books. He has also acquired five patents in his area of expertise.

James Todd, Professor Emeritus of Psychology: Professor Todd’s research over the next five years will focus primarily on two central issues: (1) how do observers achieve stable perceptions of a 3D shape over variations in surface materials or by the pattern of illumination? and (2) how are individuals able to identify surface materials such as wax or metal for objects with different shapes and patterns of illumination? The basic methodology to be employed in this research involves the physically accurate simulation of visual scenes using state of the art computer graphics. This work is currently funded for the next two years by a grant from the National Science Foundation. Professor Todd has published over a hundred articles on visual perception and depth perception related to surface characteristics.

Emeritus Academy Members: 5-Year Renewal

Each year, during the Spring Semester, the EA Steering Committee considers the 5-year renewals of members. These renewal applications ask members about their scholarly accomplishments over those five years. Their lists of published books, book chapters, peer-reviewed journal articles, exhibitions and other creative scholarly work is always impressive. Here is the collective accomplishments of the 16 EA members who were approved for another five years:

- *122 peer reviewed journal articles
- *16 books, both authored/co-authored or edited/co-edited
- *34 book chapters
- *96 presentations, including 7 invited keynote addresses
- *61 other creative and creative scholarly works

Congratulations to:

Malcolm Cochran, Professor Emeritus of Art
 David Denlinger, Professor Emeritus of Entomology
 Joseph Donnermeyer, Professor Emeritus of Environment and Natural Resources
 Helen Fehervary, Professor Emerita of Germanic Languages & Literatures
 Carter Findley, Professor Emeritus of History
 Carole Fink, Professor Emeritus of History
 Yuval Flicker, Professor Emeritus of Mathematics
 Richard Green, Professor Emeritus of English
 Elizabeth Lenz, Professor Emerita of Nursing
 Roy Lewicki, Professor Emeritus of Business
 Patti Lather, Professor Emerita of Educational Studies
 Sally Rudmann, Professor Emerita of Health and Rehabilitation Sciences
 Marshall Unger, Professor Emeritus of East Asian Languages and Literatures
 Altaf Wani, Professor Emeritus of Radiology
 Jackie Wood, Professor Emeritus of Physiology and Cell Biology

This is now the third round for review of applications for 5-year membership renewals since the Emeritus Academy was founded in 2014. Of the 92 scholars whose EA membership was renewed over these three rounds (including the latest), the level of scholarship, by the numbers, is as follows:

- *621 journal articles
- *84 books
- *176 book chapters
- *640 presentations at conferences, including keynotes addresses
- *146 other creative and scholarly works

News from EA Members

Anil Agarwal, Professor Emeritus of Medicine

We encountered an unprecedented challenge in health care with the evolution of Covid 19 pandemic. As I retired from the Ohio State and joined as Chief of Medicine at Veterans Affairs Central California Health Care System during the pandemic, this time of uncertainty was nonetheless filled with scholarly and leadership activities. Joining the elite members of Emeritus Academy was one of those very remarkable achievements. Additionally:

1. I am especially proud for my role as the President of American Society of Diagnostic and Interventional Nephrology (ASDIN), where I was able to impact dialysis care during Covid 19 by issuing a joint statement with another society to treat dialysis access as a priority during the pandemic.
2. We also issued a public statement to protest against the racial and social inequity when the nation was in turmoil.
3. In my current role as Chief of Medicine and Professor at University of California San Francisco, now I am privileged to work to enhance the care of our nation's veterans.
4. I am also taking over as the Chair of Interventional Nephrology Workgroup of International Society of Nephrology in April 2021 for a potential worldwide impact.

During 2020, I published chapters on operative considerations for Peritoneal dialysis catheter and Non-tunneled hemodialysis catheter. (1,2) I co-edited an issue of Advances in Chronic Kidney Disease titled New Horizons in Dialysis Access and contributed an editorial on future of dialysis access. (3,4) Collaborating with my erstwhile colleagues in the Division of Nephrology at Ohio State, I wrote another chapter on Vascular Access for Home Hemodialysis in a handbook.(5)

Treatment of hypertension has come a long way during the last century. SPRINT trial of antihypertensive treatment established superiority of controlling blood pressure to lower target (as compared to current standard) in improving cardiovascular outcomes. We compared BP in clinic to BP measured at home.(6) I was invited to moderate a published debate on methods of cannulation of dialysis access (7). I was also one of the authors on the White Paper on endovascularly created AV fistula for dialysis (8).

Highlighting contributions of Ohio State to science is of special importance. My online interview by ReachMD regarding dialysis circuit failure in patients with COVID 19 and kidney failure was one step in that direction.(9) I had other recent online presentations-one related to buttonhole technique of fistula cannulation commentary and another regarding the revolutionary technique of Point Of Care Ultrasound (POCUS) in patient care.

For those interested in anemia and iron deficiency, my publication on iron metabolism that came out in March 2021 should be interesting. (10) My keynote lecture on 'Finding Solutions: Evolutions in Kidney Care' at the National Kidney Foundation of Ohio's annual Kidney and Transplant Symposium should provide a glimpse into the great advances that nephrology has made in last few decades.

The biggest challenge in 2020 was travel to conferences within and outside US- and I do regret missing my speaking trips to Ethiopia, Spain, Germany and Canada in addition to other domestic lectures. As a consolation, I was able to deliver those lectures virtually from my home office!

Finally, I was honored to receive the Lifetime Achievement Award by the ASDIN in February 2021 during the annual meeting. I share that with my family who supported me throughout this journey.

I am looking forward to continuing my contributions to the Emeritus Academy and Ohio State in the foreseeable future and collaborate with my esteemed colleagues in the Academy. Stay safe and healthy!

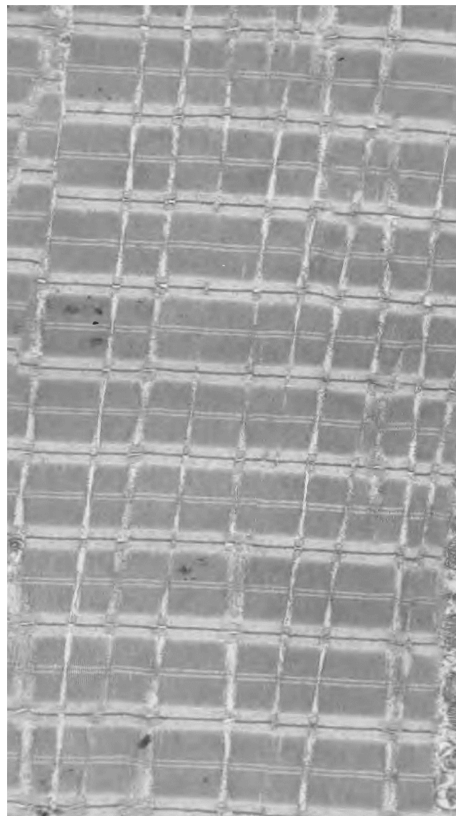
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4. **Agarwal AK**, Oza- Gajera, B. Dialysis Access: The Future is Already Here. *Advances in Chronic Kidney Disease*. Editorial. National Kidney Foundation. Elsevier. 2020.
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doi:10.34067/KID.0001682020
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9. **Agarwal AK.** Iron metabolism and management: focus on chronic kidney disease. *Kidney International Supplements* (2021) 11, 46–58;
<https://doi.org/10.1016/j.kisu.2020.12.003>



Jack Rall, Professor Emeritus, Department of Physiology and Cell Biology

Since my retirement in 2012, I have turned from active laboratory research to writing a historical book and articles about physiology and physiologists. During the time that I have been in the Emeritus Academy, six articles (2016 – 2020) have appeared in the Historical Perspectives section of the journal: *Advances in Physiology Education*. Together the six articles have been downloaded over 24,000 times. My favorite is an article about Nobel Prize winner A. V. Hill and his humanitarian involvement with the Academic Assistance Council in England and its efforts to relocate German scholars persecuted by the Nazi from 1933 to 1945 (*Advances Physiology Education*, 41: 248 – 259, 2017). The most popular article is: “What makes skeletal muscle striated?” (*Advances Physiology Education*, 42: 672 – 684, 2018). One of the most iconic images in biology is the cross-striated appearance of skeletal muscle in the microscope (see photograph below). This paper describes research into the structure of skeletal muscle over two centuries leading to our current molecular understanding of its characteristic cross-striated or banding appearance.



For more information on the OSU Emeritus Academy, go to the website at:

<https://oaa.osu.edu/emeritus-academy>