John K Hendrickson, PhD

(publications prior to 2026 under Hendrickson, K.)
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EDUCATION

2003-2006	Organic Chemistry, Ph.D., Arizona State University (ASU)
2000-2002	Organic Chemistry, M.S., ASU
1995-2000	Zoology/Psychology, B.S./B.S., Honors College at ASU

EMPLOYMENT

2022-Cur.	Teaching Professor, School of Molecular Sciences (SMS), Arizona State University (ASU)
2020-2022	Principal Lecturer, SMS, ASU
2012-2020	Senior Lecturer, SMS, ASU
2007-2012	Lecturer, SMS, ASU
2005-2007	Assistant Professor, Organic and Biochemistry, Grand Canyon University (GCU)
2003-2005	Adjunct Faculty, Organic and Biochemistry, Maricopa Community Colleges
2002-2003	Faculty Associate, Organic Chemistry/Biochemistry, ASU

TEXTBOOKS

Hendrickson, K. (2022). Chemistry in the World, 4th ed., Cognella.

Hendrickson, K. (2022). Chemistry in the World, 4th ed. Ancillary Materials, Cognella.

SCHOLARLY ACTIVITY (PUBLICATIONS, PROPOSALS, PRESENTATIONS)

Schneider, B., Bell, CF., Whitmire, S., Horinek, H., Hastings, M., Barnes, R., Berhe, A., Mattheis, A., Hendrickson, K., Blois, J., Burt, M. and Marin-Spiotta, E. (2024). An Assessment of the ADVANCEGeo Partnership Community-based Bystander Intervention Training. Journal of Women and Minorities in Science and Engineering.

Hendrickson, K., E. Marin-Spiotta, B. Schneider, M. Hastings, C. Gentry, A. Rogers, A.A. Berhe. 2024. Trainer Guide to Scenarios. 49 pp.

Schneider, B., Hendrickson, K., Horinek, H. (2023). New ADVANCEGeo Research Ethics Teaching Modules to Address NSF RECR and NIH RCR Training Requirements. Presented at Earth Educators Rendezvous (2023).

McMurry, J. (2023). Organic Chemistry, 10th ed., OpenStax. DEI reviewer (full text) and content reviewer (selected chapters).

McMurry, J. (2023). Organic Chemistry, 10th ed., OpenStax. Alt-text author.

Hendrickson, K. Inclusive Language. Presented at ADVANCEGeo Train the Trainers Conference (2023).

ADVANCEGeo Train the Trainers Conference (2023). Co-organizer.

Hendrickson, K. Science Communication and Ambassadorship: A Multi-Tiered Case Study. Presented at Annual Conference on Case Study Teaching in Science (2019).

Hendrickson, K., Cesarean Sections in the U.S.: The Trouble with Assembling Evidence from Data. Scientific American, March 28, 2012.

Hendrickson, K. (Ed), University Readers/Cognella Publishing Chemistry Library (2012).

OpenStax (RICE UNIVERSITY), SUBJECT MATTER AND ACCESSIBILITY CONSULTANT

Organic Chemistry, 10th ed. (DEI reviewer; content reviewer; alt-text author)
General Chemistry (SME consultant)
Accessibility consultant

RESEARCH, MENTORING, AND PUBLIC OUTREACH

Associate researcher, materials development, ADVANCEGeo
Associate researcher, OpenStax (Rice University)
Invited Faculty, Osher Online National Resource Center (Northwestern)
Invited Faculty, Osher Lifelong Learning Institute (OLLI at ASU)
Invited Faculty (OLLI at Fresno)
Mentor, Out in STEM (oSTEM)
Mentor, ASU HUES graduate mentoring community
Mentor, Out to Innovate (resource arm of NOGLSTP)
Member, scholarship review committee, Out to Innovate
Trainer, ADVANCEGeo

ADMINISTRATIVE EXPERIENCE AND LEADERSHIP

2023-Cur. SMS MOSAIC Committee, Chair

2025-Cur. SMS Personnel, Budget, and Tenure Review Committee, Member

2021-Cur.	OLLI at ASU Leadership Council
2021-Cur.	OLLI at ASU Faculty Instructor Committee, Chair
2023-2025	CLAS Charter Initiatives Committee, Member
2015-2024	SMS Teaching Assistant and Instructor Committee, Member
2021-2023	SMS MOSAIC (DEI) Committee, Member
2019-2022	SMS Personnel, Budget, and Tenure Review Committee, Member

GRANTS

ASU Charter Seed Grant in Natural Sciences (SMS Mosaic Project)

PROFESSIONAL MEMBERSHIPS

Out in STEM (oSTEM)
National Association of Science Writers (NASW)
American Association for the Advancement of Science (AAAS)
Out to Innovate (NOGLSTP)

REFERENCES

Professional references available upon request