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Department of Biology
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EDUCATIONAL PREPARATION:

December 1992 **Ph.D., Biological Sciences**
University of Texas at Austin, Austin, TX

May 1987 **B.A., Biology**
Tabor College, Hillsboro, KS
(Summa cum laude)

EMPLOYMENT EXPERIENCE:

2017-present **PROFESSOR OF BIOLOGY,**
Eastern Mennonite University, Harrisonburg, Virginia

2017-2023 **DIRECTOR, CENTER FOR SUSTAINABLE CLIMATE SOLUTIONS**
Eastern Mennonite University, Harrisonburg, Virginia

2015-2017 **Sabbatical Appointment**
Water and Livelihoods Advisor, Mennonite Central Committee
Nairobi, Kenya

2008-2015 **PROFESSOR OF BIOLOGY, (& PROFESSOR OF BIOMEDICINE)**
Eastern Mennonite University, Harrisonburg, Virginia

2008-2013 **CHAIR, DEPARTMENTS OF BIOLOGY/CHEMISTRY**

2005-2007 **SABBATICAL APPOINTMENT**
Royal University of Phnom Penh/Royal University of Agriculture
Phnom Penh, Cambodia; seconded through Mennonite Central Committee

2002- 2007 **ASSOCIATE PROFESSOR OF BIOLOGY**
Eastern Mennonite University, Harrisonburg, Virginia

2000-2002 **ASSISTANT PROFESSOR OF BIOLOGY**
Eastern Mennonite University, Harrisonburg, Virginia

2001, summer **VISITING ASSISTANT PROFESSOR**
Department of Physiology, University of Arizona Medical School, Tucson, Arizona

1998-2000 **ASSISTANT PROFESSOR OF BIOCHEMISTRY**
Eastern Mennonite University, Harrisonburg, Virginia

1997-1998 **POSTDOCTORAL FELLOW AND ASSISTANT RESEARCH PROFESSOR**
and
Department of Physiology, University of Arizona Medical School, Tucson, Arizona

1993-1995

1996-1997 **POSTDOCTORAL FELLOW**
Department of Physiology, University of Otago Medical School, Dunedin, NEW ZEALAND

GRANTS, HONORS, & AWARDS (LAST 5 YEARS)

- 2020** **Doug Graber Neufeld and Doug Kaufman (on behalf of CSCS).** Caring about Climate Change Curriculum. Showalter Foundation, \$5,600.
- 2020** **Doug Graber Neufeld (on behalf of CSCS).** Climate Ride Youth Scholarships, \$15,000.
- 2020** **Doug Graber Neufeld (on behalf of CSCS).** Development of a Mennonite Creation Care Advocacy Team. Stoesz Family Foundation, \$10,000.
- 2019** **Doug Graber Neufeld and Jonathon Schramm (on behalf of CSCS).** Leading in Creation Care: A Planning Workshop for Sustainability on Mennonite Campuses. Marpeck Foundation, \$10,000.
- 2019** **Doug Graber Neufeld and Jim Yoder -** Virginia Department of Environmental Quality Citizen Water Quality Monitoring Grant Program, \$3,890
- 2018** **National Science Foundation,** Major Research Instrumentation. *“Acquisition of a Fluorescence Stereomicroscope to Enhance Research and Teaching at Eastern Mennonite University.”* Co-PI with PI Kris Schmidt; Co-PIs Matthew Siderhurst, Timothy Bloss, Jeffrey Copeland \$83,891.

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science
Society of Environmental Toxicology and Chemistry
Association of Biology Laboratory Education
Virginia Academy of Sciences

PUBLICATIONS (LAST 5 YEARS)

Refereed Journal Articles

1. Castelli G, Piemontese L, Quinn R, Aerts J, Elsner P, Ertsen M, Hussey S, Filho WL, Limones N, Mpofo B, Neufeld DG, Ngugi K, Ngwenya N, Parker A, Ryan C, de Trinchiera J, Villani L, Eisma J, Bresci E. Sand dams for sustainable water management: Challenges and future opportunities. *Sci Total Environ.* 2022 Sep 10;838(Pt 2):156126. doi: 10.1016/j.scitotenv.2022.156126. Epub 2022 May 20. PMID: 35605850.
2. Graber Neufeld, D., J. Muli, B. Muendo, and J. Kanyari. (2021). Assessment of water presence and use at sand dams in Kenya. *Journal of Arid Environments.* Volume 188, May 2021, 104472
<https://doi.org/10.1016/j.jaridenv.2021.104472>.
3. Graber Neufeld, D., B. Muendo, J. Muli, and J. Kanyari. (2020). Coliform Bacteria and Salt Content as Drinking Water Challenges at Sand Dams in Kenya. *Journal of Water and Health.* 18(4):602-612.
4. Graber Neufeld, D., and J. Kanyari (2020) Sand Dams in Kenya: Translating past successes to future challenges. *Intersections.* 8(2), 33-35.
5. Graber Neufeld, D., (2019). Sand dams: providing clean water? *Intersections.* 7(1), 14-16.

Nonrefereed articles

1. Graber Neufeld, D. (2022) “COP, Climate and Church”, *Leader*, Winter 2022/2023.

2. Graber Neufeld, D. (2020) "What Students at Mennonite Colleges Think about Climate Change", White Paper, Center for Sustainable Climate Solutions.

Evaluations

1. Graber Neufeld, D. "Sand Dam Assessment". August, 2017. Mennonite Central Committee. 71pp.
2. Graber Neufeld, D. "Sand Dam Assessment for Water Quality". August, 2017. Mennonite Central Committee. 38pp.

PRESENTATIONS & ABSTRACTS (LAST 5 YEARS)

Vogt, A., Graber Neufeld, D., Morillo, J., Ncube, S., Sasongko, N., Schrock, J. 2022. Practical Steps for Creation Care from the Global Church Final Description. Mennonite World Conference Assembly, virtual, July 5-10, 2022.

Graber Neufeld, D., Vogt, A., Morillo, J., Ncube, S., Sasongko, N., Schrock, J. 2022. Creation Care and MWC: Responding as a Global Church. Mennonite World Conference Assembly, virtual, July 5-10, 2022.

Graber Neufeld, D. 2022. Engaging the church on climate change. School for Leadership Training, Eastern Mennonite Seminary, Jan 11-13, 2022.

Graber Neufeld, D. 2021. Right and Wrong in a Warming World. Living U Online Course. Feb 25, 2020.

Graber Neufeld, D. 2020. [Climate Change Anxiety: Breathing in a World in Crisis](#), Bowen Center Professional Lecture Online. Dec 17, 2020. ([youtube video](#))

Graber Neufeld, D. 2020. A Whole is Greater Than the Sum of Its Parts: Creating Synergy through a Network of Small Colleges. Global Conference on Sustainability in Higher Education, Online. Oct 20-22, 2020.

Graber Neufeld, D. 2019. Climate change attitudes and practices of students: A comparison among Mennonite colleges. American Association for Sustainability in Higher Education Annual Meeting, Spokane, WA. Oct 28-30, 2019.

Graber Neufeld, D. 2018. Workshop Leader: "What Climate Change Means for Human Health - Stories and Solutions" Mennonite Healthcare Fellowship, , Bluffton, OH. June 22-24, 2018.

Graber Neufeld, D. 2018. Workshop Leader: "More with Less: Sustainability from a Mennonite Perspective", State of Appalachia Conference. Pipestem, WV. Mar 23-24, 2018.

PROFESSIONAL COMMUNITY ACTIVITIES (LAST 5 YEARS)

2022-23	C. Henry Smith Peace Oratorical Contest committee
2022	Judge, Virginia state Envirothon competition
2022-23	Anabaptist Disaster Conference planning committee
2021- 2023	Global Anabaptist Peacebuilding Conference planning committee
2021	MCC Virginia Reference Committee
2020-present	Chair, Creation Care Taskforce, Mennonite World Conference
2020	Referee, manuscript for <i>Environmental Monitoring and Assessment</i>
2018	Referee, manuscript for <i>Natural Sciences Education</i>
2018	WHSV interview on EMU sustainability activities.. May 1, 2018. http://www.whsv.com/video?vid=481238071

OTHER PRESENTATIONS (LAST 5 YEARS)

18 April 2021. Earth Day Sermon - [Job and Creation Care. University Mennonite Church](#), State College, PA

23 April 2020. “ Healthy Planet, Healthy People - Finding Hope when Creation Groans” MCC Earth Day Chapel presentation.

13 Nov 2019. SGA Panel, Climate Justice.

12 Dec 2018. Caring for God's creation: The challenge of climate change , Elder Exchange program, Virginia Mennonite Retirement Community.

20 Oct 2018. Tabor College Homecoming, Invited Speaker Promoting New Solutions to Water Crises in a Changing Kenya

19 Oct 2018 Hesston College, Convocation Speaker Faithfully responding to climate change: Solutions to water and agriculture challenges in East Africa

EMU NEWS ARTICLES

New name positions Anabaptist Climate Collaborative in unique nexus

November 1, 2022

<https://emu.edu/now/news/2022/new-name-positions-the-anabaptist-climate-collaborative-in-unique-nexus/>

Nearby alpine wilderness provides respite, outdoor lab for EMU students

November 23, 2022

<https://emu.edu/now/news/2022/nearby-alpine-wilderness-provides-respite-outdoor-lab-for-emu-students/>

Students receive summer research and experiential learning travel grants

April 18, 2022

<https://emu.edu/now/news/2022/students-receive-emu-summer-research-and-travel-grants/>

CSCS brings together Anabaptist organizations for climate change collaboration

February 16, 2022

<https://emu.edu/now/news/2022/cscs-brings-together-anabaptist-organizations-for-climate-change-collaboration/>

Shenandoah Valley natural history classmates find solace, discovery in solo fieldtrips

<https://emu.edu/now/news/2020/shenandoah-valley-natural-history-classmates-find-solace-discovery-in-solo-fieldtrips/>

Why advocating for climate justice matters: alum connects students to lobby efforts,

<https://emu.edu/now/news/2021/why-advocating-for-climate-justice-matters/>

Biology professor and CSCS director to chair Mennonite World Conference's new Creation Care Task Force

<https://emu.edu/now/news/2020/biology-professor-and-cscs-director-to-chair-mennonite-world-conferences-new-creation-care-task-force/>

'Global South Voices' brings three to Harrisonburg to share impacts of climate change

<https://emu.edu/now/news/2018/global-south-voices-brings-three-to-harrisonburg-to-share-impacts-of-climate-change/>