

**Professor Gwen Hauer**  
**Fort Lauderdale, Florida 33314**

**Email : ghauer@nova.edu**

**Education** Nova Southeastern University, Oceanographic Center, Dania Beach, FL 33004. Master of Science, Marine Biology, Microbiology, Biology 2003  
California State University Bakersfield, CSUB, Bakersfield, CA  
Bachelor of Science, Biology 1992  
National University, La Jolla, CA 93437  
Teaching credential program, Secondary, Biology.1992-1993  
San Diego State University, SDSU, San Diego, CA 93437  
Biology, Invertebrate Zoology. 1992

**Experience** **Nova Southeastern University** Academic Program Coordinator and Graduate Advisor, Department of Biological Sciences, Halmos College of Arts and Sciences. Development and organization of the Graduate program in Research, Health, and Bioinformatics in the department of Biological Sciences. Supervisor, Dr. Emily Schmitt, Ph.D., Dean NSU, Ft. Lauderdale, FL, 33314. August 2023 to 2024 (present).

**Nova Southeastern University** Associate Visiting Lecturer III, Department of Biological Sciences, Halmos College of Arts and Sciences Formerly: Halmos College of Natural Sciences and Oceanography. Instruct classes in Microbiology, Biology and Cell Biology.. Instructor for Lecture and Laboratory Classes. Online class development with audio recordings in courses for Microbiology and Biology. Supervisor, Dr. Emily Schmitt, Ph.D., Dean NSU, Ft. Lauderdale, FL, 33314. January 2008 to 2023.

**Broward College** Professor, Microbiology and Biological Sciences. Instructor for Lecture and Laboratory: Microbiology, Biology I and II, Environmental Science, Anatomy & Physiology, Zoology, Marine Science, Oceanography; Supervisor, Dr. L Fisher, Broward College, Davie, FL. 33314. Fulltime temporary 2011-2013. January 2005 to 2024(present).

**Education Testing Services Biology** College Reader, College Board's 2014 AP<sup>®</sup> Reading. Performance Assessment Scoring Services. Kansas City, MO 1- 888-9AP-READ (1-888-927-7323) or [ReadAP@ets.org](mailto:ReadAP@ets.org). January 2014-2022 (present). Currently employed.

**Broward College** Tutor in Biology, Microbiology. Conducting online Microbiology practical reviews on zoom. Academic Resource Center, Library Broward College, Davie, FL. 33314 2006-2007; 2012, 2021-2023

**Broward County Schools** Substitute Teacher, Elementary, High School Biology, Science. Temporary Teacher certification in 5-12<sup>th</sup> Science/Biology, Ft Lauderdale, FL 33304. Certified teacher for Broward Schools 1998-2003.

**University of Miami**, Laboratory Researcher, Molecular Biology/Fungal Ecology. RSMAS Rosenstiel School, under A. Tallman, University of Miami, 4600 Rickenbacker Causeway, Miami Florida 33149. Hired 2004-2005

**Nova Oceanographic Center** Laboratory Research Assistant, Microbial Ecology. Identification of halophiles from Saline Lakes. Duties included Microscopy with Phase, EM, SEM. Nova Oceanographic Center, Dania Beach, FL 33004. Hired 1999-2003. Graduated November, 2003

**Nova Oceanographic Center** Graduate Teaching Assistant, Marine Geology Laboratory, Geology of Florida Bay, Nova Oceanographic, Dania Beach, FL, 33004. Under the direction of Dr. Blackwelder and Dr. Sherman. 1999-2000.

**Professional activities**

Faculty Advisor *Results* Nova 2018-present.  
Reviewer for Journal *Extremophiles* 2011 to (present).  
Member of the Society for Salt Lake Research, ISSLR. 2000 – present.  
Member of the Society of Protistologists. 1999 – present.

**College activities**

Professional Development, NSU 2008-2024 (present)  
Professional Development in Technology. BC, 2005-2024 (present)  
Nova Faculty advisor and member, *Results* NSU 2018-present  
Member of Nova University Oceanographic Center Alumni. 2005- (present)  
Member of California State University Biology Club/Alumni (present)  
Assistant Sports Editor/Photographer University News, CSU "Runner"  
Member of California University College Track and Cross-Country Teams  
Member of CSU National Student Exchange, University of Illinois

**Research grant**

Research Grant for the Identification of Salton Sea Amoebae, Salton Sea Authority, under the direction of Dr. Andrew Rogerson. 1999-2001.

**Conferences**

Presenter, Society of Protozoology Conference, Poster Presentation, Remarkable Salt Tolerance of Protozoa, the Naked Amoebae, Bryant College, Smithfield, Rhode Island, June 2004.

Co-presenter, Naked Amoeboid Protozoa of the Salton Sea, Salton Sea Symposium, Palm Springs, CA 1999.

Poster presentation, International Conference on Scientific Aspects of Coral Reef Assessment, Monitoring, and Restoration, Ft Lauderdale Florida, National Coral Reef Institute. 1999.

**Publications**

Hauer, G. & A. Rogerson 2005. Heterotrophic Protozoa from Hypersaline Environments. In "Adaptation to Life at High Salt Concentrations in Archaea, Bacteria, and Eukarya", Series: Cellular Origin, Life in Extreme Habitats and Astrobiology, Vol. 9. N. Gunde-Cimerman, A. Oren and A. Plemenitas, (Eds), Springer-Verlag, 10-2005, XII, 577 p., submitted 10-2004. Hardcover ISBN: 1-4020-3632-9

Hauer, G. & A. Rogerson 2005. Salt Tolerance of Naked Amoebae. *Journal of Eukaryotic Microbiology* 52 (2) pg 275

Hauer, G. & A. Rogerson 2005. Remarkable Salinity Tolerance of Seven Species of Naked Amoebae (gymnamoebae). *Hydrobiology* Volume 549, Number 1, Submitted 12-2004, pub Oct 2005. pg 33-42

Hauer, G. 2003. Salinity tolerance of Naked Amoebae from freshwater, marine, & hypersaline environments. MSc Thesis, NSU. 210 p. 2003.

Rogerson, A. & G. Hauer 2002. Naked Amoebae of the Salton Sea, California. *Hydrobiologia* Volume 473, Number 1-3. April 2002.

Hauer, G., Rogerson, A. & O. R. Anderson 2001. *Platyamoebae pseudovannellida* n. sp. Amoebae with a wide salt tolerance. *Journal of Eukaryotic Microbiology* (48) 6, pp. 663-669.

Rogerson, A., Hannah, F., Hauer, G. & P. Cowie 2000. Numbers of naked amoebae inhabiting the intertidal zone of two geographically separate sandy beaches. *Journal Marine Biological Association of the United Kingdom*, 80:731-732.

Flora and Fauna of the Riparian Area, Tijuana River Valley, San Diego Bulletin, San Diego, California, SDSU, 1989.

## References

Dr. Emily Schmitt, Chair, Department of Biological Sciences, Halmos College of Natural Sciences and Oceanography, Nova Southeastern University; Parker 300. 3301 College Avenue, Ft. Lauderdale, FL 33314-7796, Phone: (954) 262-8349 (x28349) or 1-800-338-4723x28349.  
Email: [eschmitt@nova.edu](mailto:eschmitt@nova.edu)

Dr. L. Fisher Dean, Biological Sciences, Broward College Central Campus, 3501 S Davie Blvd, Building 1 Room 164 Davie, Florida 33314. Phone: 954-201-4404  
Email: [lfisher@broward.edu](mailto:lfisher@broward.edu)

Dr. Andrew Rogerson, Retired Chancellor, University of Arkansas Little Rock, 2801 South University Avenue, Little Rock AR 72204  
Phone: (501) 569-3200  
Email: [chancellor@ualr.edu](mailto:chancellor@ualr.edu)

Dr. Nilo Marin, Professor, Biological Science Department, Broward College Central Campus, 3501 S Davie Blvd, Building 7 Room 143 Davie, Florida 33314. Phone: (954) 201- 6553.  
Email: [nmarin@broward.edu](mailto:nmarin@broward.edu)

Dr. Steven Obenauf, Retired Dean, Biological Sciences, Broward College Central Campus, 3501 S Davie Blvd, Building 1 Room 164 Davie, Florida 33314. Phone: 954-201-6514  
Email: [sobenauf@broward.edu](mailto:sobenauf@broward.edu)

Dr. Sharon Simpson, Retired, Biological Science Department, Broward College Central Campus, 3501 S Davie Blvd, Building 7 Room 143 Davie, Florida 33314. Phone: (954) 201- 6553.  
Email: [ssimpson@broward.edu](mailto:ssimpson@broward.edu)

**Professional Development****Nova Southeastern University****50 + Professional Development**

Faculty Online Certification v2  
 Blackboard Course development to teach online  
 Grades First Training for Faculty  
 Halmos College Faculty Cafe  
 NSU Libraries - Razor's Research Bytes  
 Preventing-Discrimination-and-Harassment (Title-IX) Certification Lab Safety  
 Blackboard Web Development  
 Canvas Web Development  
 Blend Flex remote learning and Zoom Teaching online 2020-2022  
 Banner, Ellucian, Canvas, DegreeWorks, NSUworks 2023 to present

**Professional Development****Broward College****50 + Professional Development**

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|--|----------------------|
| Preventing Sexual Harassment Wam                   | <b>Date</b> 06/30/07 |
| Creating Faculty Webpages                          | <b>Date</b> 09/22/05 |
| Clicker Technology in the Classroom                | <b>Date</b> 02/24/06 |
| Classroom Response System ("clicker")              | <b>Date</b> 03/24/06 |
| Transforming BCC-Sustainability Initiative         | <b>Date</b> 03/28/06 |
| Creating A Faculty Web Site Using Wam! Online      | <b>Date</b> 03/22/07 |
| Training - Introduction to Ms Outlook Web-         | <b>Date</b> 07/07/09 |
| Enhancing on Campus Classes                        | <b>Date</b> 09/10/09 |
| New Faculty Reflections Luncheon Classroom         | <b>Date</b> 11/20/09 |
| Response System (Clicker Basics)                   | <b>Date</b> 03/22/10 |
| Webinar: Identifying Managing Aggressive Behavior  | <b>Date</b> 09/28/10 |
| Building Quality Online Courses-Online             | <b>Date</b> 11/14/10 |
| Creating Web-Based Interactive Learning Activities | <b>Date</b> 02/01/11 |
| New Hire Orientation                               | <b>Date</b> 02/01/11 |
| #1 Ethnobotany II                                  | <b>Date</b> 02/25/11 |
| #2 PowerPoint 2010 - Tips & Tricks                 | <b>Date</b> 02/25/11 |
| Web-Enhancing on-Campus Classes with D2L           | <b>Date</b> 03/24/12 |
| Updating Web-Enhanced Courses in D2L               | <b>Date</b> 03/24/12 |
| Soft chalk Blended Learning                        | <b>Date</b> 05/2014  |
| HHMI Biointeractive Workshop- Faculty              | <b>Date</b> 04/08/16 |
| Science/Math Design and Manage A Grade Book        | <b>Date</b> 05/20/16 |
| Faculty Cert. Online Blended teaching Stop         | <b>Date</b> 2018-21  |
| Polio Now Fundraiser                               | <b>Date</b> 2018-22  |
| Web design and Teaching Online                     | <b>Date</b> 2020-24  |

**Professional Development****Educational Testing Service 52 Professional Development Hours**

Participant in the June 2016 College Board AP Reading Kansas City, Missouri  
 5.2 continuing Education Units Certificate

**Professional Development****Educational Testing Service 52 Professional Development Hours**

Participant in the June 2017-2018 College Board AP Reading Kansas City,  
 Missouri 5.2 continuing Education Units Certificate