

Scott Burghart

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EXPERIENCE

The University of Texas at Austin

Director for Graduate and Postdoctoral Education

September 2017 – Present

Administer and support graduate education and postdoctoral training in the College of Natural Sciences (CNS) Office of Graduate Education. Coordinate professional development activities and promote best practices

University of South Florida St. Petersburg

Assistant Dean and Program Coordinator

May 2016 – August 2017

Administration, course scheduling, hiring, faculty management, and graduate coordinator. Management and oversight of Environmental Science & Policy and Geography degree programs

Academic Services Administrator

July 2013– April 2016

Teaching and academic advisement of upper-level Biology majors, graduation certification, transfer orientation leader, transcript evaluation, student retention, Title IX concerns, adherence to federal and state regulations, academic reinstatement, and program administrative duties

University of South Florida, College of Marine Science

Research Associate

Jan 2006 – June 2013

Research staff member responsible for conception, planning, execution, management, database quality control, data analysis, and publication for various projects. Facilitator of undergraduate and graduate research projects. Lab manager and building safety officer for Marine Resource Assessment Lab

Graduate Research Associate

June 2002 – Dec 2006

Identification of zooplankton samples, data management and analysis, scientific writing

Science Mentor, Oceanography Camp for Girls

June 1999 – Aug 2005

Led field trips, activities, and labs. Curriculum design. Editing and production of camp materials. Candidate evaluation

EDUCATION

University of South Florida

MS, PhD – Biological Oceanography

Baylor University

BS – Biology & Environmental Studies

SKILLS

- Service-oriented leadership
- Public speaking
- Professional development
- Handling of confidential information
- Communication
- Conflict navigation
- Budget management
- Search committees
- Technical writing
- Data analysis
- Program management
- Curriculum development
- Teaching

COMMUNITY INVOLVEMENT

- Austin Rowing Club – Boat Launch Operator
- Health Alliance for Austin Musicians – Event Staff
- Spoonbill Bowl – Science Judge
- Tampa Bay Storm Drain Painting
- Terra Ceia Bay Marsh Planting

ADVISORY AND SERVICE

- OGS Outstanding Graduate Student and Outstanding Postdoc Mentoring Awards review panel (2025)
- Graduate and Postdoc Professional Development & Well Being Committee (2024-pres)
- Center for Improvement of Mentored Experiences in Research (CIMER) Mentoring Workshop Facilitator (2024-pres)
- Reviewer for NSF (2024-pres)
- Co-Chair, College of Natural Sciences, Graduate Education Badging Contact (2024-pres.)
- Advisor to Office of Postdoctoral Affairs (2024-pres)
- Co-leader of Postdoc Development Task Force (2022 –2023)
- Student Worker Supervisor - Sang Hoo Kook (2021-22), Ariana Khan (2022-2023), Ziyi Li (2023)
- UT Austin Office of Graduate Studies Orientation – Invited presenter: Negotiating the Faculty Student Relationship (2020 – pres.)
- Graduate Career Consortium (GCC) PhD Outcomes committee (2020 – 2022)
- Building Belonging (CNS DEI workshop) presenter (2018 – 2023)
- USFSP Center for Innovative Teaching and Learning (CITL) Committee (2016-2017)
- Chair, USFSP College of Arts & Sciences Student Travel Committee (2015-2017)
- USF Internship Workgroup (2015-2017)
- Faculty Advisor, USFSP Pre-dental Club (2015-2016)
- Chair and founding member, USFSP Pre-Health Professions Evaluation Committee (2015-2017)
- Student CARE Committee representative (2015-2017)
- Search Committee Member - USFSP Academic Advisor (2015), Part-time Academic Advisor (2015), Visiting Instructor in ESP&G (chair, 2016), Internship Coordinator (2016), TCE Assistant Director, Advanced Degree Employer Engagement (2020,2022), TCE Associate Director, Advanced Degree Professional Development (2019, 2022), TCE Program Manager (2022), TCE Program Manager, Advanced Degree Career Identity & Global Impact (2023)
- USFSP Recruitment Tour and Faculty Talk (2014-2015)
- Alternate member of the Pinellas County RESTORE Act funding panel (2014)
- Supervisor, Undergraduate research project: Condition of juvenile bay anchovies as related to freshwater inflow (Bryan MacNeill) (2013)
- Tidal tributaries numeric nutrient criteria workshop – Charlotte Harbor, Sarasota Bay, and Tampa Bay Estuary Programs (2013)
- Lower Peace River minimum flows re-evaluation (2013)
- Redesign of hydro-biological monitoring program - Tampa Bay Water, Inc. (2012)
- Selection and implementation of special studies - Tampa Bay Water, Inc. (2012)
- Facilitator, Undergraduate research project (Lauren Van Woudenberg) (2011)
- USF Marine Science Curriculum Committee (1999-2001)

PRESENTATIONS AND PUBLICATIONS

- Graduate School Orientation - Navigating the faculty student relationship
- Building Belonging (equity and inclusivity)
- Numerous undergraduate orientation talks (USFSP)
- 20 scientific publications (available on request)
- 15 scientific talks

TEACHING

2013-2016 USFSP

- General Physiology
- General Biology
- Biology for Non-majors

2008-2013 USF College of Marine Science

- Biological Oceanography (team-taught)

2007-2008 University of Tampa

- Biology
- Environmental Studies

PROFESSIONAL ORGANIZATIONS

- Graduate Career Consortium (2017-pres)
- Graduate Coordinator Network (2017-pres)
- National Postdoctoral Assoc (2017-pres)
- NACADA (2014-2016)
- American Fisheries Society (2012-2014)
- Estuarine Research Federation (2007-2014)
- Crustacean Society (1999-2014)
- American Society of Ichthyologists & Herpetologists (2000-2006)
- American Society of Limnology & Oceanography (1999-2014)
- Baylor Environmental Concern Organization