William (Bill) Siebold
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Student Success Statement

The practice of teaching and learning is evolutionary, a fundamental human negotiation sustained over time by the mutually reinforcing achievements of both faculty and students. The performance of students and of faculty are inextricably woven together, nourished by passion, compassion, and respect.

Professional Experience

Board of Directors / Director of Technology (2012 to present):
Tualatin Valley Artists 501(c)(3) dba Influence Music Hall, Hillsboro, OR.

Art Institute of Portland, Portland, Oregon (2006 to college closure in 2018)
NWCCU regionally-accredited four-year degree college
Academic Department Director
Within this leadership role, directed multiple organizational units including programs in Natural Sciences, Mathematics, Humanities, Liberal Arts, Sustainable Design, Media Arts, Interactive Media Design, Visual & Game Programming. Directed Professional Faculty Development, New Faculty Orientation, Student Success and Retention.

Reporting to the President, facilitated student success and retention, professional faculty development and retention, developed and implemented multi-modal training curricula and instruction, managed operations and scheduling, aligned talent with strategic organization goals, developed process and protocol improvement initiatives, coordinated institutional effectiveness and continuous improvement initiatives, collaborated on compliance and governance mandates, directed on-boarding and orientation, and guided outreach to community partners. Recruited, trained, and coached a team of 50+ dedicated professionals.

- Taught across the curriculum; integrated cross-disciplinary content to create uniquely powerful learning experiences.
- Supervised 50+ faculty and staff, directed operations & scheduling, influenced strategic budgeting, designed curricula, oversaw instruction. Master Scheduler for campus course scheduling.
- Completed 15 successful institutional effectiveness / continuous improvement data collection, analysis & reporting cycles driving process enhancements forward through respectful persuasion, consensus-building, budget resolution and collaborative team work.
- Coordinated response to five successful NWCCU regional accreditation reports and site visits, receiving top ratings, developing a relationship of trust, communication and confidence with accrediting agencies.
- Organized more than 20 program advisory counsels to build communication, collaboration and productive partnerships with regional business leaders.
- Created sustainable relationships with several regional business leaders supporting mutually beneficial internship and employment pathways for students nearing completion of their academic requirements.
- Oversaw two system-wide elearning (LMS) technology platform deployments achieving community buy-in through mentoring, technology instruction, and demonstration of tangible benefits.
- Designed five academic programs adapting strategically to changing regional industry needs and organization vision (Mathematics 2012 & 2015, Writing 2015, Sustainable Design 2008, Graphic & Web Design 2012, Software Development for Creative Arts 2015)
- For thirteen years chaired Student Success & Retention, New Faculty Orientation and Professional Faculty Development Committees.

- **As Director of Mathematics and Natural Sciences (2007-2018)**: Emphasized individual ownership and accountability for student success through writing, critical thinking, and self-assessment, linked to a meta-awareness of each individual's unique approach to learning. These ideals defined the community's culture of collaboration, inclusion and achievement.
- **As Director of Sustainable Design (2008 – 2018):** I developed this program through several challenging administrative and cultural bottlenecks by presenting concise data, soliciting external stakeholder support, building internal consensus, and generating a dialogue of respect and shared vision.
- **As Director of Web Design & Interactive Media (2007 – 2014):** My team achieved 50% program growth in first year and 98% career-specific employment by participants over seven years. We established project management best

practices emphasizing prototyping, iterative processes, accountability, team ownership and quality outcomes delivered on time. I called upon industry professionals to teach in the classroom, cementing valuable partnerships and fostering student success.

- **As Director of Visual & Game Programming (2012 – 2017):** Diversified program outcomes and expanded the technology infrastructure for better alignment with internal compliance and regional business interests, using research, analysis and persuasive communication.

Idaho State University, Pocatello, Idaho (2002-2006) & Oregon State University, Corvallis, Oregon (1996-2002)
Research fellow, Analyst, Adjunct Instructor, Graduate Student
While at Oregon State wrote thesis *High-resolution digital imaging of bacterial cells* and co-authored two publications: Nature (Nature. 2002 vol 420 #6917: 806-10) and Microbiology Education (Microbiology Education. 2002 vol 3 #1: 26-36). At Idaho State on a research fellowship to study the biological origins of learning (*Small Group Learning in the Biological Sciences: Group-to-Individual Transfer of Subject Content & Meaningful Learning).*

Feathers LLC, Denver and Loveland, Colorado (1987-1995)
Owner and Managing Director

Olympus Corporation of America / Scientific Instrument Division, Denver, Colorado (1985-1986)
Microscopy & Image Analysis Specialist

Chevron USA, Denver, Colorado (1982-1985)
Corporate Training and Logistics Manager: Paleoenvironmental Reconstruction for Professional Geologists

Chevron Geosciences, Denver, Colorado (1981-1982)
Geophysics and Seismic Data Analyst

Denison Mines and Hanna Mining Companies, various locations in southwest US, (1978-1981)
Exploration Field Geologist

Education
M.S. Microbiology / Molecular Biology: Oregon State University Dec 7 2001
B.S. Geology: Oregon State University June 7 1981
A.A.S. Chemical Technology: Alfred State University May 18 1996

Curricula Designed & Implemented
College Mathematics 2012 & 2015
Sustainable Design 2008
Web Design & Interactive Media 2008
Graphic & Web Design 2012
Writing 2015
Software Development for Creative Arts 2015

General Sciences selected coursework
GEOL393 The Great Volcanoes (Art Institute of Portland).
GEOL111 Introduction to Earth Sciences (Art Institute of Portland).
PHY131 Astronomy (Art Institute of Portland).
BI393A Great Plagues (Art Institute of Portland).
MTH104 College Mathematics (Art Institute of Portland).
BI231 Biomechanics (Art Institute of Portland).
BIOL1100 Biology & Human Concerns (Idaho State University).
BIOL4000 Fundamentals of Biological Imaging (Idaho State University).
MB230 Introductory Microbiology (Oregon State University).
MB310 Bacterial Molecular Genetics (Oregon State University).
MB390 The World According to Microbes (Oregon State University).
CHEM4500 Chemical Microscopy (Alfred State University).
BI293 Molecules and Motives (Art Institute of Portland).

Sustainability and Natural Sciences selected coursework
ECOL201 Ecology (Art Institute of Portland).
EVS111 Environmental Science (Art Institute of Portland).
SOC221 Introduction to Sustainability (Art Institute of Portland).
HUM372 Environmental Ethics (Art Institute of Portland).
HST341 History of Environmental Movement (Art Institute of Portland).
ECON211 Environmental Economics (Art Institute of Portland).
DMG341 Sustainable Supply Chains (Art Institute of Portland).

Humanities selected coursework
HUM101 Design Foundations (Art Institute of Portland).
HUM372 Environmental Ethics (Art Institute of Portland).
ICOR490 Senior Seminar (Art Institute of Portland).

Web Design & Interactive Media selected coursework
WDIM377 Foundation Portfolio (Art Institute of Portland).
WDIM427 Digital Portfolio (Art Institute of Portland).
WDIM351 Rapid Web Development (Art Institute of Portland).
WDIM253 Pre-production (Art Institute of Portland).
WDIM380 Site Development (Art Institute of Portland).

Selected Publications

- Morris RM, Rappé MS, Connon SA, Vergin KL, **Siebold WA**, Carlson CA, Giovannoni SJ. *SAR11 clade dominates ocean surface bacterioplankton communities.* Nature. 2002 Dec 19-26;420(6917):806-10.
- **Siebold, William A**: *High resolution digital Imaging of bacterial cells*. Master's Thesis 2002: https://ir.library.oregonstate.edu/concern/graduate_thesis_or_dissertations/vd66w3296
- Trempy, Janine E., Monica M Skinner and **William A Siebold**. "*Learning Microbiology Through Cooperation: Designing Cooperative Learning Activities that Promote Interdependence, Interaction, and Accountability.*" Microbiology Education 3.1 (2002): 26-36.

Selected Posters & Presentations

- **Siebold, W.A**., Ward, N.J., Scrimenti, J., Neeck, A.: "*Invigorating a sense of student ownership of their learning through self-development of an Individualized Strategic Plan for Academic Success*." at 2016 Student Success and Retention Conference (Oregon Council of Student Services Administrators and the Higher Education Coordinating Commission)
- **Siebold, W.A.** *Small Group Learning in the Biological Sciences: Group-to-Individual Transfer of Subject Content & Meaningful Learning*. Biological Sciences Department Seminar. (2004). Idaho State University.
- M. Day, R. Horton, N. Anderson, A. Runck, **W. Siebold**, M. Brandon, P. P. Sheridan, M. Shields. *Biology Youth Research Program: Developing Mentors for PreCollege Learning Experiences.* Abstract and Poster. (2003). Idaho State University.
- **Siebold, W. A.** *Optical Microscopy and Biological Imaging: A Plan for the Molecular Research Core's Imaging Facility*. Biological Sciences Department Seminar. (2003). Idaho State University.
- **Siebold, W.A.** *The Digital Bridge: an integrated digital infrastructure linking teaching, research and outreach.* Biological Sciences Department Seminar. (2004). Idaho State University.
- Skinner, M. M., D. Miller, D. Fulleton, **W. Siebold**, J.E. Trempy. *Lon-Substrate Interactions: The Role of the N-terminus.* Abstract and Poster. (2002). American Society of Microbiology 102nd General Meeting, Salt Lake City.
- Cho, J.C., C. Alexander, S. A. Connon, **W. A. Siebold**, S. J. Giovannoni. *Screening Cell-Arrays by Laser Scanning Cytometry*. Abstract and Poster. (2002). American Society of Microbiology 102n General Meeting, Salt Lake City.
- Connon, S. A., M. Rappe, K. Vergin, R. Morris, J.C. Cho, **W. A. Siebold**, C. Alexander, L. Young, J. McGregor, and S. J. Giovannoni. *Microbial discovery by high throughput culturing*. Abstract and Poster. (2001). Center for Gene Research and Biotechnology, Oregon State University. Annual Fall Retreat.
- **Siebold, W. A.** *High Resolution Digital Imaging of Marine Bacteria.* Public presentation in partial satisfaction of Master of Science requirements, April 2, 2001. (Thesis Defense)

- **Siebold, W.A.** *Molecular Oceanography: Discovering Microbial Diversity in the World's Oceans.* Presentation. (2000). Alfred State University Honors College Visiting Lecturer Series. (Invited Lecture).
- **Siebold, W.A.** *Bacteria that Eat Rocks.* Da Vinci Day Exploration of Earth Science Lecture Series. Corvallis, OR Public presentation. (1999). (Invited Lecture).
- **Siebold, W. A.** *Molecular Oceanography: The Axial Rapid Response Expedition*. Oregon State University. Public presentation. (1998). (Invited Lecture)

Oceanographic Research Cruises

- Axial Rapid Response Expedition. (Winter 1998). RV Wecoma. Rapid Response oceanographic research cruise initiated by research consortium (including Oregon State University, National Oceanographic & Atmospheric Administration, University of Hawaii, University of Washington) to observe the seafloor eruption of Axial Seamount, a rift-related volcanic vent approx. three-hundred miles off the coast of Oregon / Washington.
- Bermuda Atlantic Time Series. RV Weatherbird II. (Spring 1998). Based at the Bermuda Biological Station for Research (BBSR). Bermuda Atlantic Time Series (BATS) data collection program in the Sargasso Sea.

Technology Proficient

Present or past expertise with: Microsoft, Google Workspace, optical / digital image analysis, Genescan, PAUP, NCBI Blast, HTML, CSS, PHP, CMS, UI/UX, MySQL, ReactJS, REST API, PreSonus Studio One, Mixcraft, KRONOS, CampusVue, and Python and R-programming for mathematics, data and statistical applications.