

## PROFILE

- Enjoy a reputation as a creative, analytical, open-minded, and innovative teacher who advocates for students
- 20 years of success teaching scientific content with a fresh perspective that gains student interest
- Enjoy the challenge of effectively incorporating new technologies into the outdoor classroom and laboratory settings

## PROFESSIONAL EXPERIENCE

### **MANAGER – TEACHER – EDUCATIONAL CONSULTANT**

SNAPSHOT SCIENCE, LLC 2010 – CURRENT

- Designed and taught Snapshot Science Club science enrichment grades K-2 & 3-5 after-school programs for public, private, and home schools. **Underwater robotics** for grades 7-8.
- K-5 Summer camps in Wausau – The Science of Music...Sports...Art; Aquatic Sciences – Washington Island Art & Nature Center
- ACT Prep Science Workshops
- **Manage the Rudolph Environmental Center (school forest) for Newman Catholic Schools**
- Visit [www.snapshotscience.org](http://www.snapshotscience.org) for more complete details

### **EDUCATIONAL OUTREACH SPECIALIST – WI CENTER FOR ENVIRONMENTAL EDUCATION UWSP**

LEAF K-12 FORESTRY EDUCATION PROGRAM

- Wisconsin School Forest Program Outreach in collaboration with the Wisconsin Woodland Owner's Association
- Lead project to clean up school forest database and historical file back up
- Next Generation Science Standards Working Group - LEAF and WI K-12 Energy Education Program (KEEP)

### **ADJUNCT FACULTY**

NORTHCENTRAL TECHNICAL COLLEGE 2011 - CURRENT

- General Studies Department – Principles of Sustainability (online & in-person), General Chemistry

### **SCIENCE EDUCATOR / ADVISOR / COORDINATOR / COACH**

Newman Catholic High School, Wausau, WI

1998 – 2010

#### Science Educator

- **Taught Biology, Advanced Placement Biology, Human Anatomy & Physiology, Chemistry, & Ecology**
- Developed Grades 9–12 standards-based Science curriculum, with a focus on scientific literacy & process skills
- **Integrated computer technology into the classroom** (e.g., students used Web 2.0 for blog assignments, to submit assignments via Microsoft Word & PowerPoint, to upload assignments to TurnItIn.com for plagiarism checks)
- Compiled & analyzed writing rubrics for schoolwide Writing Across the Curriculum program

#### Advisor

- **Advised students on Senior Projects, including [Young Epidemiology Scholar national presenter](#)** (April 2010)
- Served as a Cooperating Teacher for UW–Stevens Point student teacher
- **Founded & facilitated extra-curricular Conservation Club for 8 years;** led environmental service, recreation, & education projects in school, community, & state

#### Coordinator

- Coordinated Science Department activities (e.g., meetings, budget, & annual research scholarship competition)
- Served as **School Forest Coordinator** to direct K–12 hands-on learning activities at Rudolph Environmental Center
- Served as **Technology Room Coordinator** for Senior Project presentations
- Newman Catholic High School Science Lab renovation and design team

#### Coach

- **Coached 2 state-level science competition teams ([listen to podcast](#))**
- Served as Assistant Soccer Coach (11 seasons)

### **ARMADA PROJECT MASTER TEACHER**

Graduate School of Oceanography–University of Rhode Island

2004 – 2007

- Mentored 2 teachers; Planned and conducted a field-research trip with each mentee
- Conducted National Science Foundation (**NSF funded research**) aboard the USCGC Healy in the Beaufort & Chukchi Seas of the **Arctic Ocean**
- **Presented at 2005 & 2007 National Science Teachers Association (NSTA) Conference on Science Education**

### **STUDENT TEACHER**

Ben Franklin Jr. High / Stevens Point Area Senior High (SPASH), Stevens Point, WI

Spring 1998

- Life Science (Grade 7), General Science (Grade 8); Biology (Grade 10), **Conservation Biology** (Grades 11 & 12)

**PRACTICUM TEACHER / TEACHER ASSISTANT**

Stevens Point, WI

1996 – 1997

- Co-taught a high school summer **Field Biology** class at SPASH
- Served as a Human Physiology Teacher Assistant at University of WI–Stevens Point
- Performed Chemistry demonstrations at Pacelli High School
- Developed a Microsoft Excel computer regression model program for a Biology class at SPASH

**GRADUATE ASSISTANT / RESEARCHER**

Cooperative Fisheries Research Unit, University of WI–Stevens Point

1993 – 1995

- Completed Master of Science thesis project: A Survey of Lakes on the Menominee Indian Reservation, Wisconsin
- **Instructed undergraduate lab & led fieldtrips;** Led team of technicians to collect biological & chemical data
- Conducted lab analyses of water quality & wrote management plans for 55 lakes

PROFESSIONAL AFFILIATIONS

Current

- **National Science Teachers Association (NSTA)**
- **Wisconsin Society of Science Teachers (WSST)**
- **Wisconsin Association for Environmental Education (WAEE)**

CERTIFICATIONS

Current

- WI DPI - Professional Educator File Number 589959
  - Grades 5-12 Environmental Science (1615); Biology (1605); Chemistry (1610)
  - General Science: 5–9, WI DPI #1621
- Wisconsin Technical College System Certified Instructor
- National Soccer Coaches Association of America (NSCAA) – High School Soccer (no expiration)
- American Sport Education Program (ASEP) – Coaching (no expiration)

ACADEMIC PREPARATION**TEACHER CERTIFICATION**

University of WI–Stevens Point, May 1998

**MASTER OF SCIENCE, Natural Resources: Fisheries**

University of WI–Stevens Point, December 1995

**BACHELOR OF SCIENCE, Environmental Science (Biology Emphasis), Chemistry Minor, **Graduated Cum Laude****

Stephen F. Austin State University, Nacogdoches, TX, May 1993

ACHIEVEMENTS

Grants

- **WI DPI Robotics League Grant through UW-Marathon Continuing Education Robotics Club (2017)**
- Beyond Pencils Grant – Seeing Nature Through the Lens of Tech “Knowledgey” (2009)
- Beyond Pencils Grant – Understanding Watersheds: Where Does the Water Go? (2006)
- Wisconsin Environmental Education (EE) Board Grant – Wausau Area Catholic Schools EE Curriculum Initiative (2001)
- Beyond Pencils Grant – Student Management of Local Natural Resources (2000)
- Beyond Pencils Grant – DNA Fingerprinting with Gel Electrophoresis (1999)

Awards

- **Friend of Conservation Award – North Central Land & Water Conservation Association (2003)**
- Radio Shack National Science & Math Teacher Awards – Honorable Mention (2001)

Distinctions

- **ARMADA Project Master Teacher (2004)**
- Assistant Soccer Coach at WIAA Division III State Tournament (2003)
- University of WI – Stevens Point Men’s Soccer Club – player in the National Collegiate Club Championship Tournament (1994)
- Stephen F. Austin State University: Alpha Chi, Beta Beta Beta (Biology), Gamma Sigma Epsilon (Chemistry)
- University of WI–Stevens Point: Kappa Delta Pi (Education) & Phi Kappa Phi
- Boy Scouts of America – **Eagle Scout**

Volunteer/Community Activities

- Founder, Director, and Mentor of STEM ROV Underwater Robotics Club at UW-Marathon County (2015 – Current)
- **Colossal Fossils** Board Member (2017 – Current)

STEPHEN H. SCHMIDT, MS

715-301-0121 [sschmidt@snapshotscience.org](mailto:sschmidt@snapshotscience.org)  
4411 Huntington Ct., Wausau, WI 54401  
[www.snapshotscience.org](http://www.snapshotscience.org)

---

PROFESSIONAL REFERENCES

**Dr. Perry Cook**

Professor of Science Education  
University of Wisconsin – Stevens Point  
[pcook@uwsp.edu](mailto:pcook@uwsp.edu)  
(715) 346.3263

**Larry Theiss**

Principal  
Pacelli High School  
Stevens Point, WI  
[ltheiss@pacellicatholicschools.com](mailto:ltheiss@pacellicatholicschools.com)  
(715) 341-2442

**Steve Knudsen**

Science and Math Teacher,  
Newman Catholic High School  
Adjunct Science Instructor,  
Northcentral Technical College  
(715) 845-8274 (NCHS)

**Nancy Cedar**

Out-of-school Learning Coordinator  
Wausau School District  
[ncedar@wausauschools.org](mailto:ncedar@wausauschools.org)  
715-261-0581

**Jan Klosinski**

Retired – Former President  
[Newman Catholic Schools](http://Newman Catholic Schools)  
[janet.klosinski@gmail.com](mailto:janet.klosinski@gmail.com)  
(715) 573.3111

**Gretchen Marshall**

Wisconsin School Forest Specialist  
LEAF Program – UW-Stevens Point  
[Gretchen.Marshall@uwsp.edu](mailto:Gretchen.Marshall@uwsp.edu)  
(715) 346-2633

**Therese Kluck**

Homeschool Parent Leader  
Academic Consignors - Owner  
(715) 454-7126

PROFESSIONAL PRESENTATIONS

- Snapshot Science Club Workshop, Wisconsin Afterschool Association Spring Conference (2016 & 2017)
- **Rudolph Environmental Center: Past, Present, and Future – Teacher In-service, Newman Catholic Schools (2012)**
- Understanding Watersheds: Where Does the Water Go? **National Conference on Science Education**, St. Louis, MO (2007)

- ARMADA Project Workshop. **National Conference on Science Education**, Dallas, TX (2005)
- ARMADA Project. Wisconsin Society of Science Teachers Annual Conference, La Crosse, WI (2005)
- Senior Science Projects: Tools for Career Exploration. WI Society of Science Teachers Conference, Madison, WI (2002)

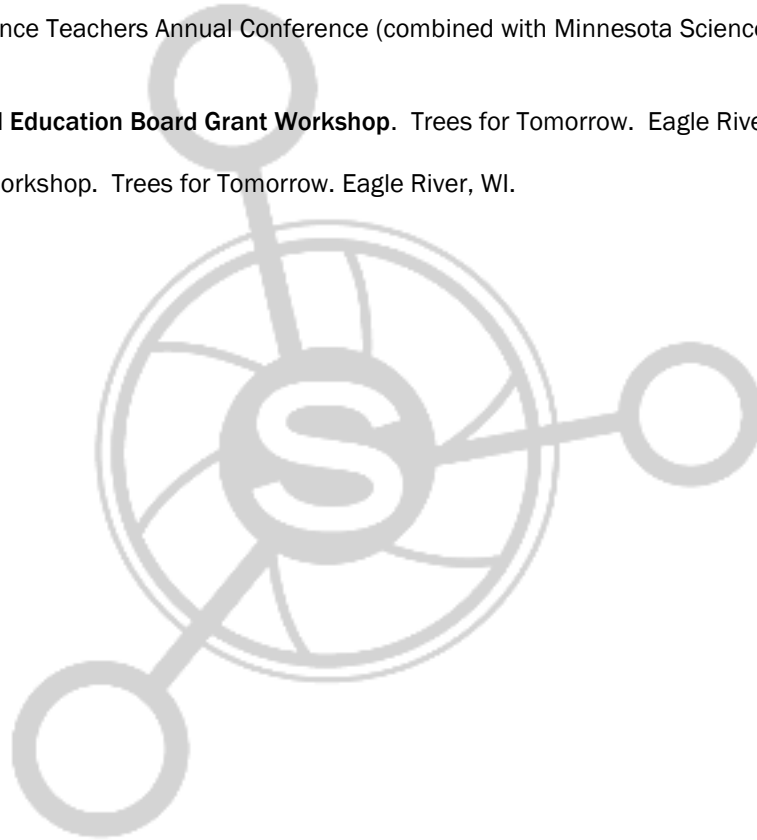
#### PUBLICATIONS

- Meronek, T. G., Bouchard, P. M., Buckner, E. R., Burri, T. M., Demmerly, K. K., Hatleli, D. C., Klumb, R. A., **Schmidt, S. H.**, & Coble, D. W. (1996). [A review of fish control projects](#). *North American Journal of Fisheries Management*, 16(1), 63–74.
- Schmidt, S. H.** (1995). *A survey of lakes on the Menominee Indian Reservation, Wisconsin*. Master's thesis, University of Wisconsin, Stevens Point. 359pp.

#### PROFESSIONAL DEVELOPMENT & CONTINUING EDUCATION

- 2018 BIOMASS ENERGY – WI K-12 ENERGY EDUCATION PROGRAM (KEEP) ONLINE COURSE
- 2017 NATIONAL SCIENCE TEACHERS ASSOCIATION - MIDWEST REGIONAL CONFERENCE ON SCIENCE EDUCATION, MILWAUKEE, WI.  
STUDENT BEHAVIOR MANAGEMENT. NORTHCENTRAL TECHNICAL COLLEGE-FQAS COURSE. WAUSAU, WI.  
WISCONSIN SOCIETY OF SCIENCE TEACHERS ANNUAL CONFERENCE, BROOKFIELD, WI.
- 2016 ASSESSMENT. NORTHCENTRAL TECHNICAL COLLEGE –FQAS COURSE - ONLINE, WAUSAU, WI.  
WISCONSIN SOCIETY OF SCIENCE TEACHERS ANNUAL CONFERENCE, LACROSSE, WI.
- 2015 NATIONAL SCIENCE TEACHERS ASSOCIATION NATIONAL CONFERENCE ON SCIENCE EDUCATION. CHICAGO, IL.
- 2014 WISCONSIN SOCIETY OF SCIENCE TEACHERS ANNUAL CONFERENCE, APPLETON, WI.  
STEAMWORKS: 10 QUINTILLION AND COUNTING – THE SCIENCE AND ART OF THE INSECT. UW-LACROSSE, WI.  
ONLINE CURRICULUM AND COURSE DESIGN IN WIDS. NORTHCENTRAL TECHNICAL COLLEGE. WAUSAU, WI.
- 2013 KEEP ENERGY EDUCATION CONCEPTS AND PRACTICES – ONLINE UW-STEVENSON POINT. STEVENSON POINT, WI.  
ADVANCED AUTISM TRAINING IN COMMUNICATION. WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION. BROOKFIELD, WI.  
WISCONSIN SOCIETY OF SCIENCE TEACHERS ANNUAL CONFERENCE, WAUSAU, WI.
- 2012 Wisconsin Society of Science Teachers Annual Conference, Madison, WI.
- 2011 High School Laboratory Safety Certification. Flinn Scientific. online <http://labsafety.flinnsci.com>  
Teaching with Love and Logic. Love and Logic Institute. Middleton, WI  
Teaching with Great Lakes Data Workshop. COSEE Great Lakes. UW Milwaukee. Milwaukee, WI.
- 2010 Effective Educational Programming for Students with Autism: Basic Level. Wisconsin Department of Public Instruction, Waukesha, WI.
- 2009 Careers in Natural Resources Workshop. University of Wisconsin – Stevens Point. Central Wisconsin Environmental Station. Amherst Junction, WI.
- 2008 Caring for the Mental Health of Your Students. St. Thomas University. Lerner's Edge Online Class  
**LabQuest Data Collection workshop.** Vernier Software & Technology. Madison, WI.
- 2007 National Conference on Science Education, St. Louis, MO.

- 2005 National Conference on Science Education, Dallas, TX.  
Wisconsin Society of Science Teachers Annual Conference, La Crosse, WI
- 2004 Wisconsin Society of Science Teachers Annual Conference, Appleton, WI.  
ARMADA Project Master Teacher Workshop, University of Rhode Island Graduate School of Oceanography.  
Narragansett, RI.
- 2002 Wisconsin Society of Science Teachers Annual Conference, Madison, WI.
- 2001 Wisconsin Society of Science Teachers Annual Conference (combined with Minnesota Science Teachers Association),  
Duluth, MN.
- 2000 **Wisconsin Environmental Education Board Grant Workshop.** Trees for Tomorrow. Eagle River, WI.
- 1999 School Forest Planning Workshop. Trees for Tomorrow. Eagle River, WI.



S N A P S H O T  
S C I E N C E