

Thomas Schenck

twrschenck@gmail.com

101 Linwood Ave.
Ardmore, PA, 19003
610-639-7013
Thomasschenck.com

WORK EXPERIENCE

- Session Coordinator and Leader** Philly Gameshop, Philadelphia, PA Sept 2019-Current
- Working part time at individually owned store
 - Organized and ran training sessions for group tabletop games
 - Provided rules questions and consideration
- Home Care** Ardmore, PA Sept 2016-May 2020
- Repairing and maintaining home for parents
 - Caring for my mother dealing with the effects of multiple auto-immune conditions
- Coastal Geologist**, Geocorps, Assateague Island National Seashore Apr 2013-Nov 2013
- Worked with field team gathering elevation, bathymetric, and geomorphic data along with compiling previous data collected by the National Park Service and Army Corps of Engineers
 - Used GIS data analysis tools to evaluate the effectiveness of the sediment supplied to Assateague Island as part of the North End Restoration project
 - Worked with the Army Corps of Engineers to complete the National Park Service electronic library archiving all documents associated with the North End Restoration project
 - Wrote and presented report to National Park Service and Army Corps of Engineers detailing findings and recommendations for continued effectiveness of the North End Restoration project
- Fluvial Geomorphologist**, Geocorps, Catoctin Mountain National Park Sept 2012-Nov 2012
- Continued and expanded field work in stream surveying of the longitudinal profile and channel cross-section of streams within the park using total station survey equipment
 - Mapped bankfull and floodplain for streams within the national park
 - Interpreted erosion in channel to identify geohazards that posed danger to park infrastructure
 - Used computational modeling to possible scenarios of predicted erosive behavior
- Assistant Manager**, Gamestop, Wynnewood, PA Oct 2008-Aug 2010, July 2011-Aug 2012
- Managed store inventory and floor displays of product and advertising
 - Trained new hires in sales practices, organized team for full store inventory procedures
- Data Entry**, Center for Outcome Analysis, Havertown, PA Mar 2009, Jul 2010, Nov 2017, Mar 2019
- Enter and maintain database of surveys measuring living satisfaction for the developmentally disabled
 - Used computer program SPSS for data organization and analysis

RESEARCH EXPERIENCE

- KECK New England Research/UCONN Coring Center** Jun 2015-Aug 2015
- Assembled shallow land based vibrocore elements and established coring workflow for the University of Connecticut, drilling field wells and collecting soil samples
 - Oversaw field work of KECK research experience for undergraduates using UCONN coring equipment
 - Identified field sites using remote sensing data and GIS analysis
- Researcher Experience in Carbon Sequestration**, University of Alabama Jun 2011
- Carbon sequestration research and teaching program organized by the Department of Energy in collaboration with Southern Company, ECARB-ed, and EnTech Strategies
 - 10-day intensive program teaching reservoir flow modeling, sequestration methods and hydrocarbon electricity production methods

Research Associate, Pennsylvania State University Geoscience Department Jan 2011 – May 2011

- Worked for Dr. Rudy Slingerland to use a finite volume approximation to solve a set of one dimensional partial differential equations describing hill slope evolution
- Produced a MATLAB program to numerically model an evolving one-dimensional hill slope

TEACHING EXPERIENCE

Geoscience Lab Instructor University of Connecticut, Storrs, CT Aug 2014 – May 2015
Teaching Assistant Pennsylvania State University, State College, PA Aug 2010 – Dec 2010
Physics Teaching Assistant Dickinson College, Carlisle, PA Aug 2006 – Dec 2006, Aug 2007 – Dec 2007

EDUCATION

Masters of Science in the Geosciences Dec 2016
 University of Connecticut, Storrs, CT Cumulative GPA: 3.6/4.0
Thesis: Characterizing Late Pleistocene and Holocene Flooding and Incision In South Eastern New England
 Currently working toward publication in Quaternary Research
Graduate Coursework in Geoscience Aug 2010 - Jun 2011
 Pennsylvania State University, University Park, PA
Post-graduate Education Feb-Jun 2009
 Temple University
Bachelor of Science in Physics May 2008
 Minor in Geology Cumulative GPA: 3.1/4.00
 Dickinson College, Carlisle, PA
 Benjamin Rush Scholar
 Study Abroad, School of Environmental Science Feb-Jun 2007
 University of East Anglia, Norwich, England

VOLUNTEER EXPERIENCE

Lower Merion Conservancy Volunteer, Lower Merion, PA Jul 2009 – Jun 2010
Philadelphia Museum of Natural History Volunteer, Philadelphia, PA Nov 2008 – Apr 2010

PRESENTATION, PUBLICATIONS

ASIS Geologic Resources Inventory Report, NPS project
 NEGSA Conference 16’ Albany NY, Presentation: “Characterizing Late Pleistocene and Holocene Flood Deposits in Easter CT”

SOFTWARE TRAINING

ArcGIS Adobe Photoshop Adobe Illustrator Delft3D GeoGraphics 2014
 HEC-RAS HEC-geoRAS MATLAB LoggerPro Sokkia ProLink
 SPSS TrimbleGPS Windows Mobile Microsoft Office Suite [Word, PowerPoint, Excel]

PROGRAMMING LANGUAGES

C++ FORTRAN90 Python

CERTIFICATIONS, EQUIPMENT TRAINING, AND SKILLS

HAZWHOPER 40hr online ArcGIS certified Total Station Surveying tool DJI drone aerial photography
 Trimble GPS

LANGUAGES/INTERNATIONAL

Proficient in French

New Zealand/United States Dual Citizenship

REFERENCES

Taylor Jenkins

Owner: The Philly Game Shop
519 South 5th Street
Philadelphia, PA 19147
Phone: 215-305-9320

James Conroy, PhD

President
Center for Outcome Analysis
426-B Darby Road
Havertown, PA 19083
Email: jconroycoa@gmail.com
Phone: 610-246-5961

William Ouimet, PhD

University of Connecticut, Storrs, CT
Assistant Professor
Department of Geography and Center for Integrative Geosciences
Email: william.ouimet@uconn.edu
Phone: 860-486-3322

Bill Hulslander

Chief Resources Management
Assateague Island National Seashore
7206 National Seashore Lane
Berlin, MD 21811
Email: bill_hulslander@nps.gov
Phone: 410-629-6061