ARC STUDENT PROFILE 2016-2017

Name: **David M Sherwood** Email Address: **dsherwood88@sbcglobal.net**

Certification Area:
If Science is selected, please check all fields that apply:
☐Biology ☐Chemistry ☒Earth Science ☐General Science ☐Physics

I would consider teaching opportunities in the following County(s):
☒Windham ☒Tolland ☒Fairfield ☒Hartford
☒Middlesex ☒Litchfield ☒New London ☒New Haven

Education

Institution at which most recent degree was earned: ___Southern Connecticut State University_____
Major and date degree awarded: ___Bachelor of Science in Earth Science, 2010_____

Related Work Experience

Organization name and location (city and state): _EMSL Analytical, Wallingford, Connecticut_____
Position held and dates: __Asbestos Microscopist, Environmental Laboratory: Summer, 2015___ _____
List work-related skills and awards/recognition: _Operated a polarized light microscope to identify and report the presence of asbestos as an environmental hazard.

Organization name and location (city and state): Peabody Museum, Yale University, New Haven, Connecticut
Position held and dates: Museum Collections Assistant, Division of Invertebrate Paleontology. 2007-2011___
List work-related skills and awards/recognition: Cataloged and georeferenced fossil specimens for the museum's academic scientific collection.

Prior Teaching Experience (if any)

School name and location (city and state): _Northern Arizona University, Flagstaff, Arizona_____
Position held and dates: __Teaching Assistant/Laboratory Instructor, 2011-2014_____
Grade(s) and subjects taught: Undergraduate Physical Geology, Geologic Disasters, Historical Geology, and Paleontology
List of duties and tasks:

- Designed and taught labs for undergraduate level courses.
- Assessed students' progress and assigned weekly, mid-term and final grades.
- Drove students on field trips to various locations within Arizona and Utah, including Grand Canyon National Park, Sedona and Grand Escalante National Monument.
- Used an animated and enthusiastic teaching style that combined group facilitation with lectures to encourage live discussions.

Teaching Practicum

School name: _Conard High School, West Hartford_____
Dates: _February 27 to April 17, 2017_____
Grade(s) and subjects to be taught: _ninth grade Earth Science: standard, honors and co-taught/modified_____
Student teacher experiences: Taught a total of five sections of Earth Science. Developed and successfully executed original lesson plans to implement district curriculum. Continually monitored and assessed student progress and recorded grades including end-of-quarter grades.

Skills and Interests

List activities and educational interests:

My interests include learning about and engaging in hobbies related to all branches of science. Through the years, I have assembled a large collection of rocks, minerals and fossil specimens as well as a living collection of carnivorous plants. In the past, I have regularly used my personal specimens in the classroom as teaching tools, and plan to continue using them to facilitate my lessons.

My academic research as an undergraduate and my passion for hiking have allowed me to be actively involved in educating the public about the geology of some of the parks in my home town. I designed and wrote the *Guide to the Geology of Sleeping Giant State Park* in Hamden Connecticut. This guide presents geological information along 21 miles of trail in a manner that is understandable to the average person. It is available as a free download from the Sleeping Giant Park Association's website: www.sgpa.org/ In addition, I was involved with the creation of an informational kiosk currently on display at the summit of East Rock Park on the Hamden/New Haven border that presents information about the glacial history of the area. I have been leading yearly public geology hikes in both parks.