

1. Recommender's Name:**Text Response**

Garey Fox

Statistic

Total Responses

Value

1

2. Recommender's Email Address:**Text Response**

garey_fox@ncsu.edu

Statistic

Total Responses

Value

1

3. Applicant's name for which you are providing a recommendation:**Text Response**

Lise Montefiore

Statistic

Total Responses

Value

1

4. How long have you known the applicant and under what circumstances have you become familiar with the applicant's academic abilities?

Text Response

I currently serve as Department Head at NC State, but I am also familiar with Lise from my prior faculty appointment at Oklahoma State University. I can assure you that Lise is an ideal applicant for the DSPG Fellows Program. I originally witnessed Lise's work during a one-year study abroad experience at Oklahoma State University (OSU) during her M.S. degree in Water Science Engineering from Polytech Montpellier in France. Lise was at OSU in 2014-2015, working with Dr. Jason Vogel and Dr. Glenn Brown on long-term infiltration tests on pervious concrete. She produced a report and presented the results to department faculty and students. I had the pleasure of attending her seminar and was impressed with the depth of her investigation after only one year. After her M.S. degree, she then interned at a water resources engineering firm in France, where she conducted environmental risk assessments, hydraulic monitoring, and two-dimensional modeling. She then re-joined OSU for her Ph.D. program in August 2016, but due to her advisor changing universities, she joined NC State to complete her Ph.D. starting in August 2017. When I heard that she was considering changing universities, I jumped at the opportunity to recruit her. I had the pleasure of teaching her this past semester as she enrolled in my one-credit hour research methods course (BAE 791).

Statistic	Value
Total Responses	1

5. Please assess the applicant's ability to contribute to the Data Science for the Public Good Fellowship Program.

Text Response

Her current research topic, geospatial analyses of estuarine vulnerability, makes her a perfect fit for your fellows program. Lise is conducting high impact research of importance to coastal communities throughout the southeastern United States. She is passionate about working with multidisciplinary teams to address challenging problems such as her dissertation topic. She also brings a wealth of experience to the program in terms of using scientific and statistical computing tools.

Statistic	Value
Total Responses	1

6. How would you describe the applicant's motivation and initiative in pursuing his/her academic and career goals?

Text Response

Lise is an extremely motivated student. She has clearly demonstrated to me an initiative for conducting high-quality research. As previously stated, I had the pleasure of teaching her this past semester as she enrolled in my one-credit hour research methods course (BAE 791). The focus of this course was the preparation of a review paper on her research topic, and she excelled in generating a high quality review paper that significantly delved into her research topic as she compiled significant data sets from a number of publicly available databases. This course also required students to give constructive feedback on writing assignments to their fellow colleagues. Lise was very well respected by all of her peers throughout this project, and they valued her input on their assignments. I give her my highest possible recommendation for your program!

Statistic	Value
Total Responses	1