



## 2019 Professional Master's Degree Summer Internship Report

### Executive Summary

This report provides a snapshot of Summer 2019 internships, and is broken down by program area, sector, and host organization. A high percentage (95%) of Nicholas School professional students continue to utilize the summer between the two years of the academic program to gain professional experience working with a company, organization, or government agency in their chosen field of study. Trends follow past years where the majority of internships offer some type of compensation, provided by a variety of sources. The Stanback Internship Program\* supports nearly 30% of all reported opportunities, connecting students with experiences at non-profit organizations. Students continue to explore a wide range of internship topics and experiences, consistent with the breadth and scope of Master's Projects and eventual career paths. They were located across the United States and internationally.

\*Renamed "Stanback Fellowship Program", as of Fall 2019 and will be referred to as such in this report.

### Background, Audience, & Methods

**Background:** Internships are an integral part of the Nicholas School's professional master's student experience. These experiences typically last between 10-12 weeks, occur in the summer between semesters, and offer enormous benefits for students and the host organizations. They can be full-time or part-time experiences. Internships offer an opportunity to gain practical skills, contribute to solving real-world problems, and expand networks. For organizations, hosting an intern represents a chance to get fresh ideas, find future job candidates, and benefit from our students' diverse backgrounds and experience.

**Audience:** CPDC staff surveyed 159 rising second or third year Master of Environmental Management (MEM), Master of Environmental/Master of Business Administration (MEM/MBA), Master of Environmental Management/Juris Doctor (MEM/JD), Master of Environmental Management/Master of Public Policy (MEM/MPP), and Master of Forestry (MF) students.

**Methods:** CPDC created and distributed a survey that was sent to the identified audience in June 2019. Requests for survey completion were followed by online research and email contacts requesting confirmation of internship information. CPDC received internship information from 151 students (95% feedback rate). Results Section 1 depicts an overview of all Nicholas School master's students, and Results Section 2 provides information by degree and program area.

## Results Section 1: General Internship Trends

Student opportunities were located in 25 different states (US domestic) and 12 countries. Non-profit/NGO internships consisted of 45% of internship hosts\*\*, while private sector internships (corporate or consulting firms) comprised 31% of opportunities. Students reported 85% of summer internships were partially or fully funded by either the internship host or from a Duke-supported program.

\*\*58% of NGO internships via the [Duke Stanback Fellowship Program](#)

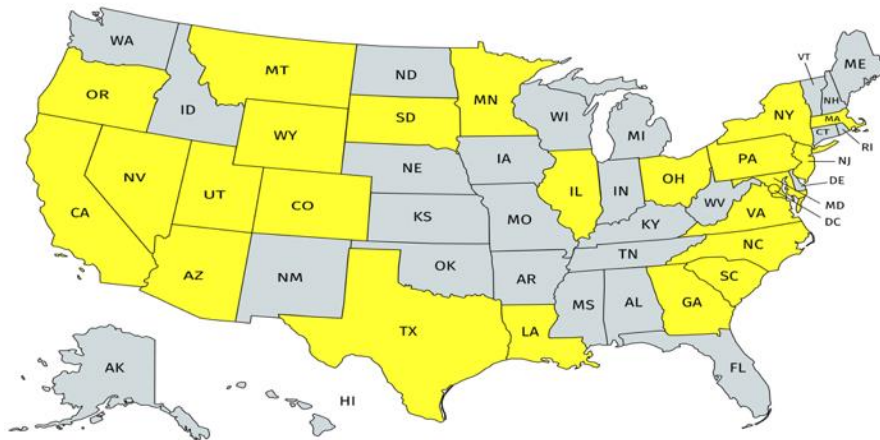
### Figure 1: Number of Internships by Degree and Program Area

Of the 151 students who provided information, 95% reported securing a 2019 summer internship. Four students decided not to pursue an internship and three students were in process when data were collected. The following report analyzes 143 internships. Fourteen of 143 respondents (~9%) had Nicholas School of the Environment alumni as supervisors.

Degree	Program area	# of Confirmed Internships
<b>Master of Environmental Management (MEM)</b>		
	Business and Environment	15
	Coastal Environmental Management	14
	Energy and Environment	28
	Ecotoxicology and Environmental Health	10
	Environmental Economics and Policy	20
	Ecosystem Science and Conservation	23
	Global Environmental Change	1
	Water Resources Management	13
<b>Master of Forestry (MF)</b>		
	Forest Resource Management	2
<b>MEM/MF (concurrent degree)</b>		
	Ecosystem Science and Conservation	2
	Environmental Economics and Policy	1
<b>MEM/MBA (Master of Business Administration; concurrent degree)</b>		
	Business and Environment	4
	Energy and Environment	5
<b>MEM/MPP (Master of Public Policy; concurrent degree)</b>		
	Energy and Environment	1
	Ecosystem Science and Conservation	1
<b>MEM/JD (Juris Doctor; concurrent degree)</b>		
	Coastal Environmental Management	3
<b>Total Internships</b>		<b>143</b>

## Figure 2. Student Internship Locations

Internship projects ranged from policy or data analysis to field-based experiences in a range of locations and for employers across the globe. United States internship locations (noted in yellow) included *Arizona, California, Colorado, District of Columbia, Georgia, Illinois, Louisiana, Maryland, Massachusetts, Minnesota, Montana, Nevada, New Jersey, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Texas, Utah, Virginia, and Wyoming*. Twelve students held international experiences (noted in red) in *the Bahamas, China, England, Gabon, India, Italy, Jamaica, Netherlands, Peru, Republic of Kiribati, Switzerland, and Zambia*.



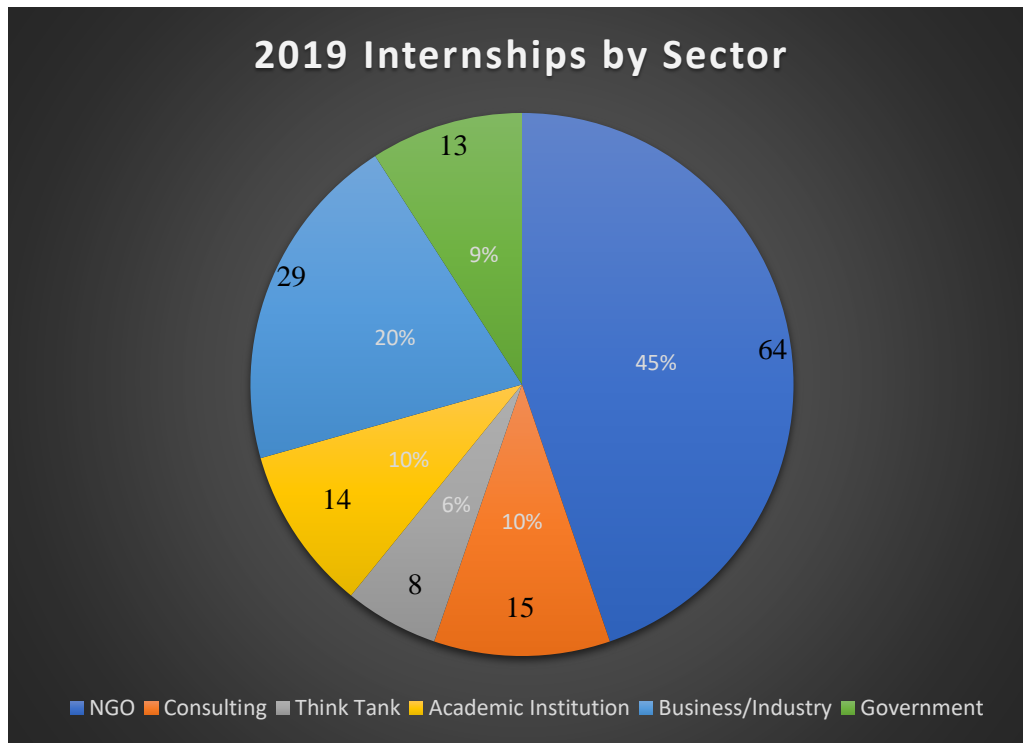
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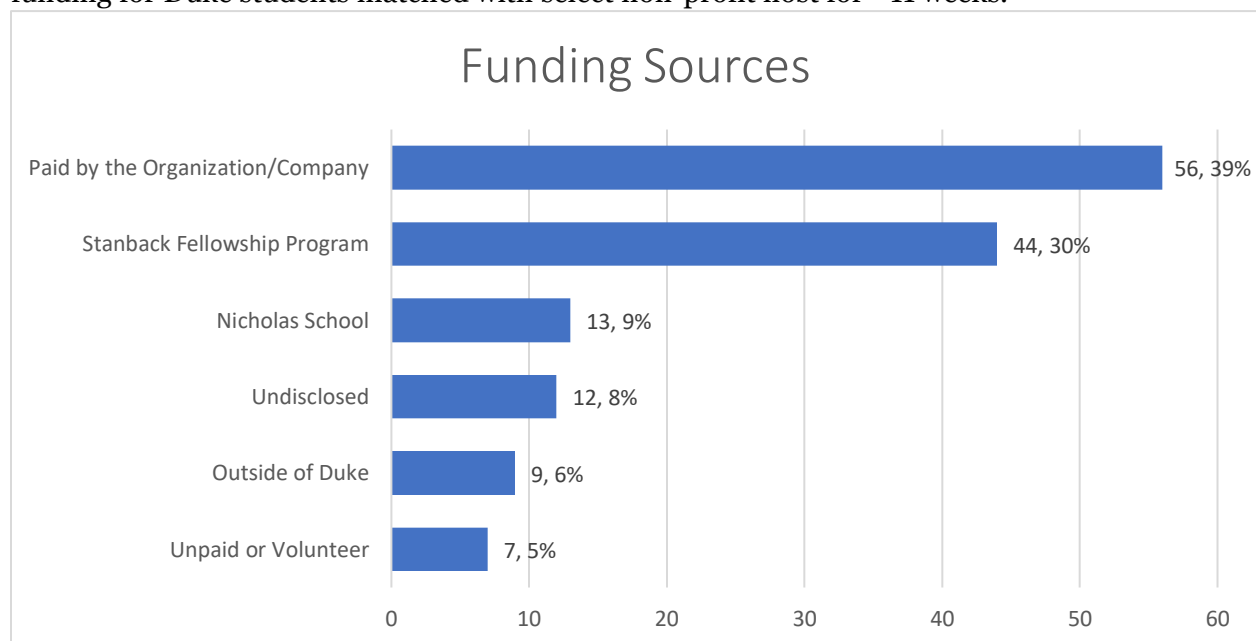
### Figure 3. Internships by Sector

Nicholas School master's students desire a broad range of internship experiences in the areas of policy analysis, resource and project management, outreach and communications, and data collection. As such, internship hosts represent many sectors of employment.



### Figure 4. Internship Funding Sources

Students fund their internships from a variety of sources, often times utilizing multiple funding sources for their summer experience. The [Stanback Fellowship Program](#) provides partial funding for Duke students matched with select non-profit host for ~11 weeks.

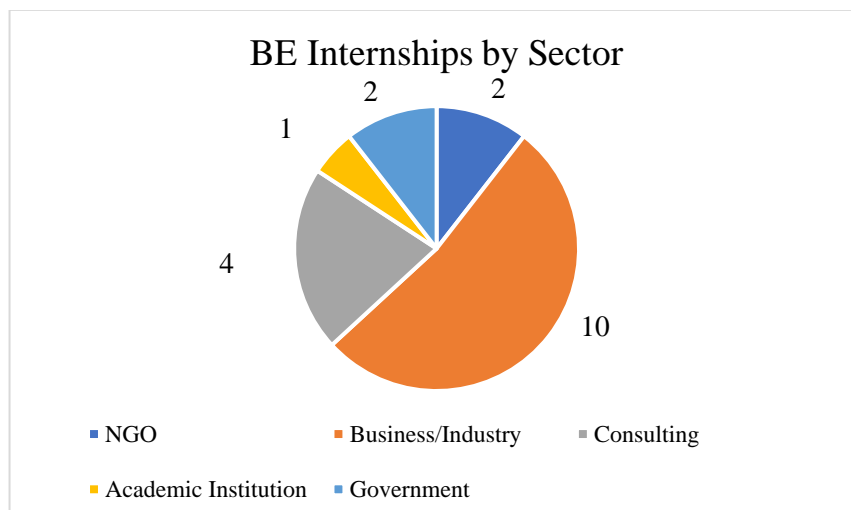


## Results Section 2: Internships by Degree and Program area

### **Master of Environmental Management (MEM)**

In 2019, students within the MEM program (including concurrent degree students) are listed across the eight program areas. The MF program is also listed (including concurrent degree students). Students within the MEM program are separated by program area. Their internship data are presented by sector, internship host organization, and geographic location.

### **MEM: Business and Environment (BE)**

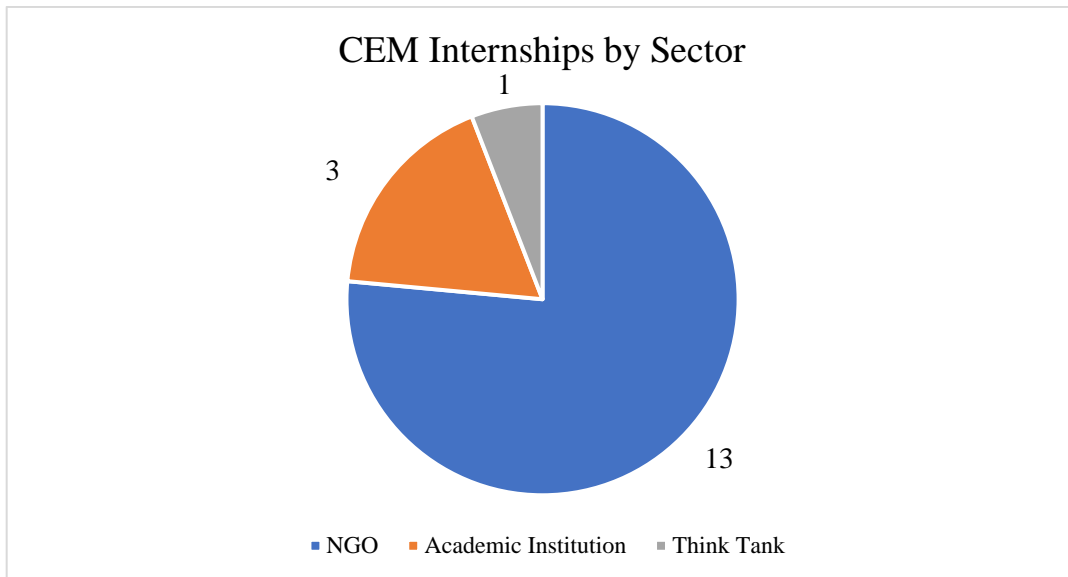


#### *Organizations represented:*

- 3M in Minneapolis, Minnesota
- AECOM in Shanghai, China
- Clif Bar in Emeryville, California
- Comcast in Philadelphia, Pennsylvania\*
- Mayo Clinic in Rochester, Minnesota
- ERM in Washington, DC, and Raleigh, North Carolina
- Impossible Foods in Redwood City, California
- National Park Service in Orick, California\*
- Nike in Portland, Oregon\*
- Natural Resources Defense Council in San Francisco, California
- PepsiCo in Plano, Texas\*
- Quantis International in Boston, Massachusetts
- Tesla in San Francisco, California
- US Environmental Protection Agency in Durham, North Carolina
- Walmart in Shenzhen, China
- WeWork in San Francisco, California
- World Wildlife Fund in Beijing, China
- Sodexo in Atlanta, Georgia
- Yerdle Recommerce in San Francisco, California

*\*Indicates an MEM/MBA concurrent degree student*

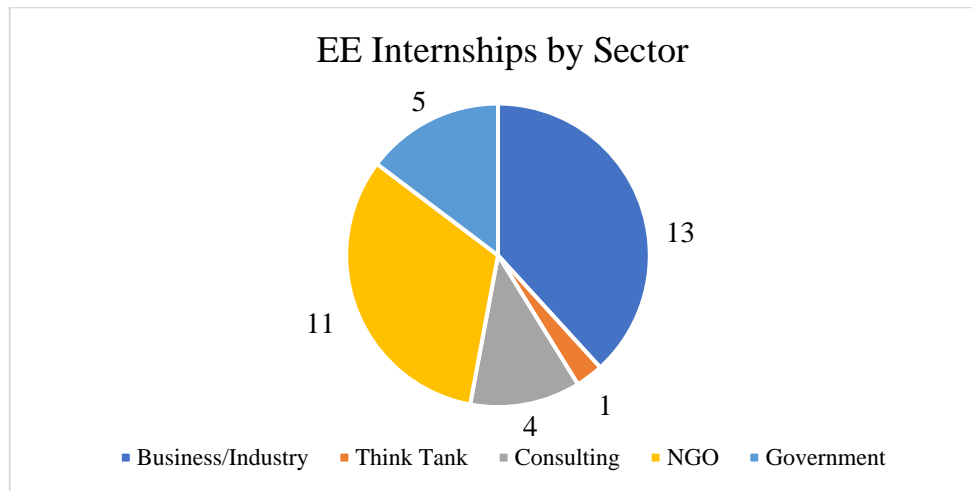
## **MEM: Coastal Environmental Management (CEM)**



### *Organizations represented:*

- Chesapeake Conservancy in Annapolis, Maryland
- International Fund for Animal Welfare in Yarmouth Port, Massachusetts
- Duke University in Durham, North Carolina
- Duke Marine Lab in Beaufort, North Carolina (remote)
- Small Hope Bay Foundation in Andros, Bahamas
- Natural Resources Defense Council in New York, New York, and San Francisco, California
- Nicholas Institute for Environmental Policy Solutions in Durham, North Carolina
- North Carolina Coastal Federation in Newport, North Carolina
- Outer Banks Center for Dolphin Research in Manteo, North Carolina
- Program for the Study of Development Shorelines in Cullowhee, North Carolina
- Sea Semester at Phoenix Islands, Republic of Kiribati
- Southern Environmental Law Center in Chapel Hill, North Carolina, and Charleston, South Carolina
- Surfrider Foundation in San Clemente, California
- The Nature Conservancy in Kill Devil Hills, North Carolina

## **MEM: Energy and Environment (EE)**



### *Organizations represented:*

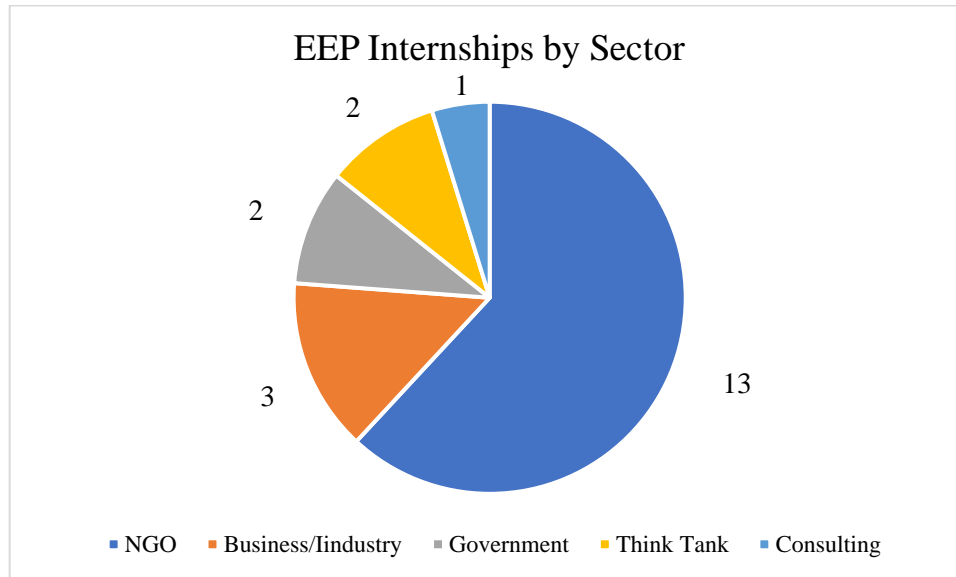
- Abbott Laboratories in Chicago, Illinois
- City of Fresno in Fresno, California\*
- Chevron in Houston, Texas
- Chinese Academy of Forestry in Dengkou County, China
- Cypress Creek Renewables in Santa Monica, California
- Environmental Defense Fund in Raleigh, North Carolina\*\*
- Enviva Biomass in Bethesda, Maryland
- Federal Energy Regulatory Agency in Washington, DC
- Friends of the Earth in Berkeley, California
- ICF in Fairfax, Virginia
- National Grid Partners in Los Gatos, California\*
- North Carolina Clean Energy Technology Center in Raleigh, North Carolina
- New York Power Authority in White Plains, New York
- North Carolina Sustainable Energy Association in Raleigh, North Carolina
- Natural Resources Defense Council in New York, New York
- Pattern Energy in San Francisco, California
- PowerSecure in Durham, North Carolina
- Rocky Mountain Institute in Basalt, Colorado and New York, New York
- ScottMadden in Raleigh, North Carolina\*
- SJF Ventures in Durham, North Carolina\*
- Solar Sister in Washington, DC
- South Centre in Geneva, Switzerland
- Southern California Edison in Los Angeles, California
- Standard Microgrid in Lusaka, Zambia
- Sustainable Jersey in Ewing, New Jersey
- Sygyzy Consulting in London, England
- Syncarpha Capital in New York, New York

- US Department of the Navy in Washington, DC
- United Nations Environment Programme in Geneva, Switzerland
- WeWork in San Francisco, California

*\*Indicates an MEM/MBA concurrent degree student*

*\*\*Indicates an MEM/MPP concurrent degree student*

### **MEM: Environmental Economics and Policy (EEP)**



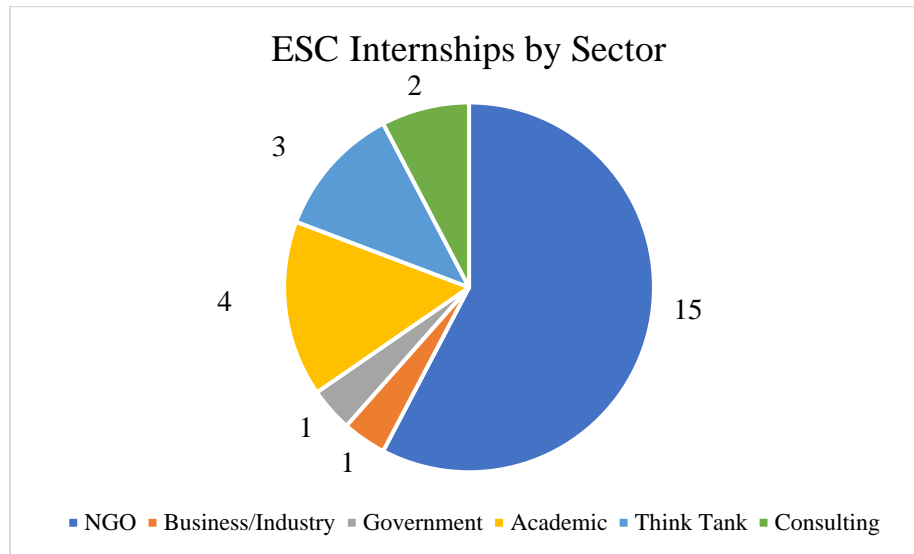
#### *Organizations represented:*

- Blue Ridge Environmental Defense League in Glendale Springs, North Carolina
- Campbell Global in Flagstaff, Arizona\*
- Center for Large Landscape Conservation in Bozeman, Montana
- DC Water in Washington, DC
- Duke Environmental Law and Policy Clinic in Durham, North Carolina
- Environmental Defense Fund in Raleigh, North Carolina
- Environment North Carolina in Raleigh, North Carolina
- Environmental Law Institute in Washington, DC
- ERM in Raleigh, North Carolina
- International Institute for Sustainable Development in Geneva, Switzerland
- Las Vegas Sands Corp in Las Vegas, Nevada
- North Carolina League of Conservation Voters in Raleigh, North Carolina
- NC Waste Awareness Reduction Network in Durham, North Carolina
- Nyanpo Yutze Conservation Association in Baiyu County, China
- Oregon Department of Environmental Quality in Portland, Oregon
- Ortec in Rotterdam, Netherlands
- Sierra Club North Carolina in Raleigh, North Carolina
- Southern Environmental Law Center in Chapel Hill, North Carolina
- United Nations Environment Programme in Kingston, Jamaica
- Walmart in Shenzhen, China



*\*Indicates an MEM/MF concurrent degree student*

### **MEM: Ecosystem Science and Conservation (ESC)**



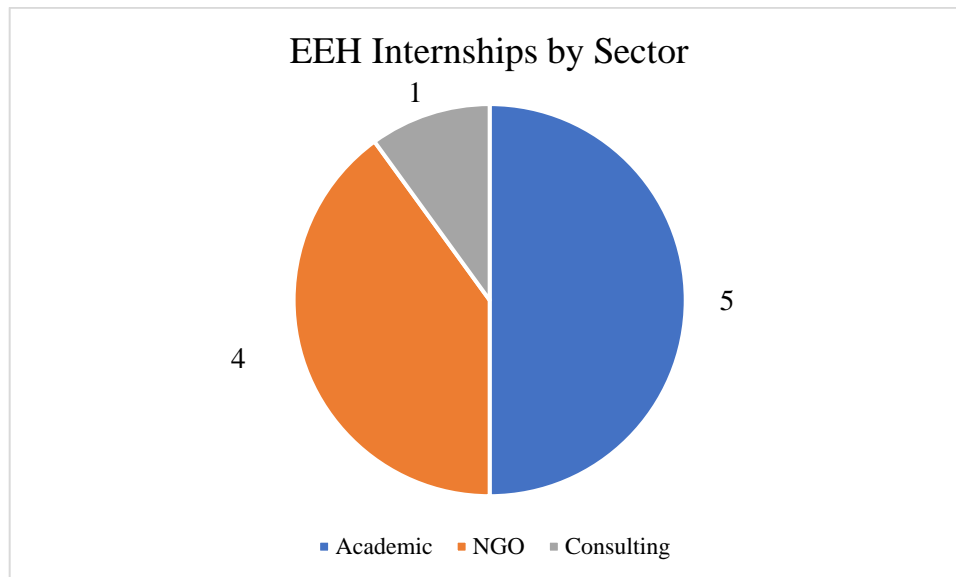
#### *Organizations represented:*

- Campbell Global in Portland, Oregon\*\*
- Center for Biological Diversity in Portland, Oregon
- Center for Large Landscape Conservation in Bozeman, Montana
- Clark Lab at Duke University in Durham, North Carolina
- Conservation Trust for North Carolina in Raleigh, North Carolina
- Duke Forest in Durham, North Carolina\*\*
- Jackson Hole Conservation Alliance in Jackson, Wyoming
- Master's Project research in Peru
- National Parks Conservation Association in Asheville, North Carolina
- National Wildlife Refuge Association in Washington, DC
- Nicholas Institute for Environmental Policy in Durham, North Carolina
- Poulsen Lab at Duke University in Makokou, Gabon
- Resources for the Future in Washington, DC
- Small Hope Bay Foundation in Fresh Creek, Andros, Bahamas
- Southern Appalachian Highlands Conservancy in Asheville, North Carolina
- SureHarvest in San Ramon, California
- The Nature Conservancy in Rapid City, South Dakota, and Durham, North Carolina
- Three Rivers Land Trust in Salisbury, North Carolina
- Triangle Land Conservancy in Durham, North Carolina
- Union of Concerned Scientists in Washington, DC\*
- US Fish and Wildlife Service in Bloomington, Minnesota
- World Trade Organization in Geneva, Switzerland
- WSP USA in Raleigh, North Carolina

*\*Indicates an MEM/MPP concurrent degree student*

*\*\* Indicates an MEM/MF concurrent degree student*

## **MEM: Ecotoxicology and Environmental Health (EEH)**



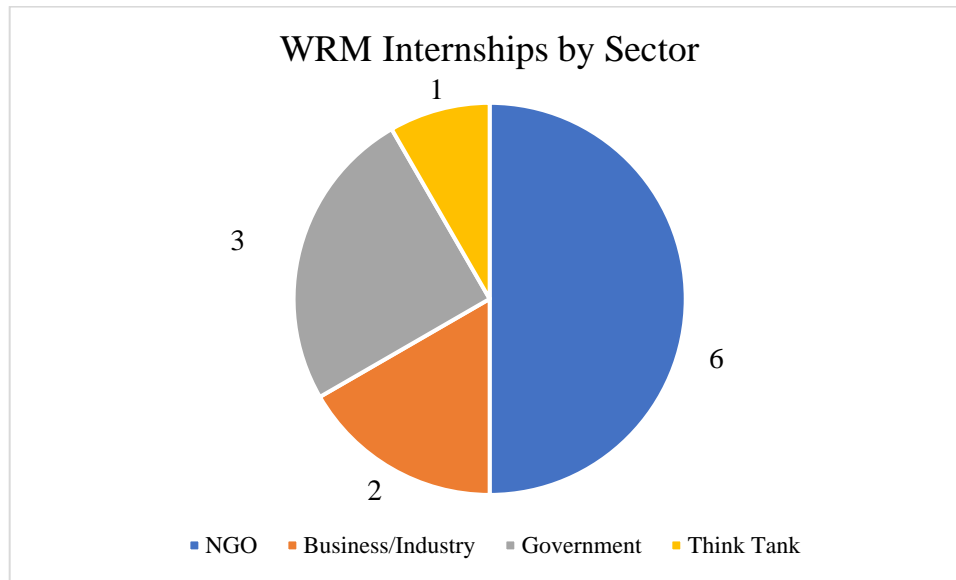
### *Organizations represented:*

- Clean Water for North Carolina in Durham, North Carolina
- Duke University Superfund Center in Durham, North Carolina
- Duke University Marine Lab in Beaufort, North Carolina
- Duke University in Durham, North Carolina
- Earthjustice in Washington, DC
- Environmental Working Group in Washington, DC
- Integral Consulting in Annapolis, Maryland
- North Carolina Conservation Network in Raleigh, North Carolina

## **MEM: Global Environmental Change (GEC)**

*One student reported this program area and held a Bass Connections internship at Duke University in Durham, North Carolina.*

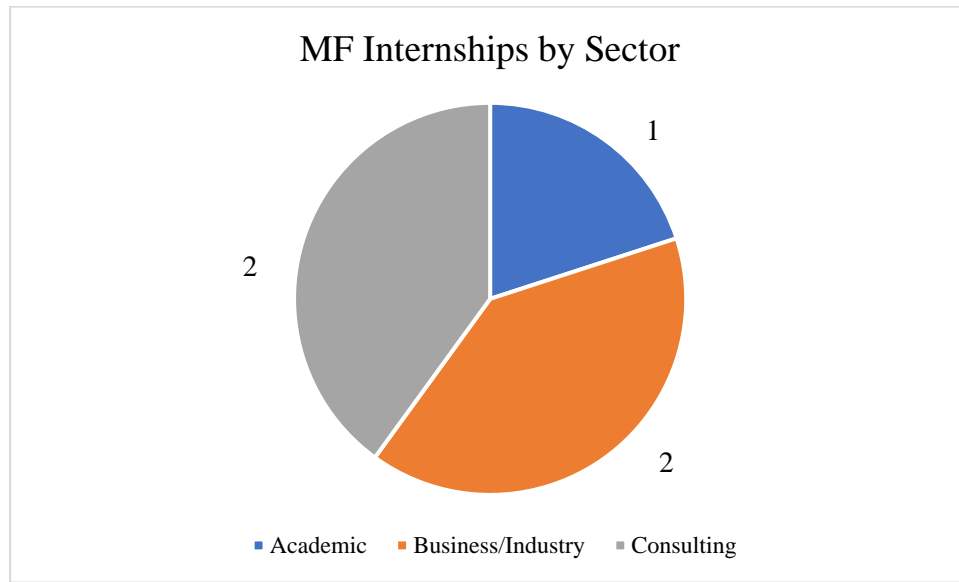
## **MEM: Water Resources Management (WRM)**



### *Organizations represented:*

- American Rivers in Durham, North Carolina
- BAA Water Consultants in Denver, Colorado
- Chinese Academy of Forestry in Bayan Nur, China
- Citizens Bank in Cleveland, Ohio
- Conservation Trust for North Carolina in Raleigh, North Carolina
- DC Water in Washington, DC
- International Organization for Migration in Geneva, Switzerland
- North Carolina Sustainable Energy Association in Raleigh, North Carolina
- The Conservation Fund in Chapel Hill, North Carolina
- Triangle J Council of Governments in Durham, North Carolina
- VHB, Inc. in Raleigh, North Carolina
- Western States Water Council in Salt Lake City, Utah

## **Master of Forestry (MF) Degree**



### *Organizations represented:*

- Campbell Global in Flagstaff, Arizona, and Portland, Oregon\*,\*\*
- Duke Forest in Durham, North Carolina\*\*
- Gelbert, Fulbright, & Randolph Forestry Consultants in Raleigh, North Carolina
- True North Forestry and Forestry Services, Inc. in Fuquay Varina, North Carolina

*\*Internship is also captured under EEP*

*\*\*Internship is also captured under ESC*