



“Standards offend only those who have none. In Science and understanding the dynamic world, we owe it to ourselves to raise the standards for a sustainable future. Like we cherish and keep our individual homes, we must be good stewards of Earth. Similarly, in law, we must engage high ethical rigor and vindicate the Constitution.”

Dr. Tigress Sydney Acute McDaniel, JD, PhD ABD, MS Econ

CURRENT EMPLOYMENT

Private Consultant, POH Corporation (2008 - present)

Specializing in Environmental Sustainability, Built Environment and Biomimicry, Applied Physical Sciences and Research, Business Legitimacy (Corporate Law), Economics and Viability, Performing Arts (including but not limited to Independent Artist Talent Commoditization), Intellectual Property, Environmental Policy (Law) and Strategic Implementation Planning

AFFILIATIONS

- Dissertative Research PI, Phytoremediation Utilizing Naturally Occurring Wetlands (NOWs™) As Public Good, Contingent Valuation and Correction of Negative Externalities, NCA&TSU (2014 - 18)
- Graduate Research Assistant, Rural Development/Agricultural Economics/Swine Husbandry, NCA&TSU, Farm & Swine Unit (2000 - 2)
- Undergraduate Research Assistant, Wetland Bioremediation & Swine Husbandry, NCA&TSU, Farm & Swine Unit (2015 - 22)
- Principal Investigator and Lead Scientist, Wetland/Watershed Management, NPS, Organ Pipe Cactus National Monument, North Mexico (Sonoyta) & USA (1999 – 2000)
- Intern Research Scientist, Savannah River Site Nuclear Power Plant, Nuclear Waste Recovery and Re-strategized Mitigation, Wetland Bioremediation (1998 – 9)
- Intern Guilford County Cooperative Extension Service, Karen Neill, Extension Agent (1999)
- Certified Performing Arts Instructor, Theatre and Entertainment Arts (Voiceover, Modeling, Acting, and Modern Jazz/Ballroom Dance), Commonwealth of Kentucky Board of Education/Vocational (2004 - 6)

PREVIOUS EMPLOYMENT

- Resource Education Ranger (Law Enforcement Support) and Lead Scientist/PI/Supervisor of Student Conservation Association - National Park Service/DOI, Organ Pipe Cactus NM/Shenandoah NP
- Lead Scientist/PI - Private Environmental Firms

EDUCATION

- Juris Doctor, William Howard Taft Law School (2022, Pursuing Law Clerkship, Professorship & License to Practice)
- Ph.D. Candidate Energy, Environmental Systems & Economics, NCA&TSU (ABD)
- Advanced Certificate Candidate, International Waste Management Institute (Doctoral Certificate Program, ABD)
- Ph.D. Study, Leadership Studies & Strategic Planning, NCA&TSU (12 Credit Hrs.)
- M.F.A. Study, Theatre and Acting, University of Louisville (2004 - 5)
- M.S. Agricultural Economics & Rural Development, NCA&TSU (ABT 2002, Conferred 2013)
- Sophomore Transient Study (Agricultural Engineering), University of Georgia (Summer 1996)
- B.S. Agricultural Education and Environmental Science (Concentration in Wetland Bioremediation, Swine Husbandry, Constructed Wetlands and Agricultural Engineering), NCA&TSU (1998) *magna cum laude*, Alpha Tau Alpha Honor Society, Gamma Sigma Delta Honor Society, Golden Key Honor Society, Dean's List, Who's Who Amongst College Students, Student Ambassador for Chancellor Emeritus Fort
- Freshman Study, UNC Chapel Hill; Pre-Law, Environmental (1994 - 5)
- Certificate, John Casablanca Modeling School (1988)
- Diploma, James Benson Dudley High School (1994) Top 10% of Class, Scholastic Athlete, *magna cum laude*

FIELDS (INTERDISCIPLINARY)

Environmental Economics, Applied Econometrics, Economic Sustainability and Development, Wetland Bioremediation & Phytoremediation, Agricultural Engineering, Built Environment (Wetland Cities, Sponge Parks Etc) and Biomimicry, Environmental Sustainability, Environmental Policy (Law), Correcting Negative Externalities, Swine Husbandry, Pedagogy, Andragogy, Leadership & Strategic Implementation Planning, Social Welfare Policy, Correction of Negative Externalities and Policy Reform, Phytoremediation As Mitigation Agent For Energy Producers, Sustainability Technology Strategic Implementation, Rural Development and Urban Design

FIELDS (LAW)

Constitutional (Civil Rights, Due Process – Substantiative and Procedural, ADA – Section 504 Plan), Intellectual Property, Torts, Environmental/Agricultural Law, Corporate Law, Alternative Dispute Resolution

FIELDS (PERFORMING ARTS)

Theatre Acting, Choreography (Theatre Blocking/Dance/Modeling), Voice-over, Commoditization of Artists' Talents Toward Viable Entrepreneurship

FIELDS (SOCIAL WELFARE, POLITICS, COMMUNITY AND GOVERNMENT)

Equity, Homelessness Intervention, Interventions in Reducing Recidivism, Environmental Justice, Environmental Policy Reform, Climate Change Action, Self-Sufficient Farming

DISSERTATION

Willingness To Pay for Mitigation Services Utilizing Phytoremediation and Intact Naturally Occurring Wetlands (NOWs™) in Central North Carolina (PhD ABD)

WORKING PAPERS AND WORKS IN PROGRESS

Phytoremediation Utilizing NOWs™ As Mitigation Agent for Energy Production Units

Implementation of Phytoremediation Utilizing NOWs™ As Tool of Policy Enforcement To Correct Negative Externalities Resulting From Environmental Pollution Caused By Energy Production Units

Sustainable Exploitation of NOWs™ to Combat Climate Change

INVITED PANELIST/SPEAKING ENGAGEMENTS

- Women in Business Panel, Sponsored By EWATE Women's Empowerment Organization, SC
- Boss Women Connect Luncheon, Keynote Speaker

OTHER PROFESSIONAL AND PHILANTHROPIC ACTIVITIES

Future Business Leaders of America, Parliamentarian (1990 - 94)

Future Farmers of America, Parliamentarian (1990 - 94)

Junior Civitan, Parliamentarian and Organizational Queen (1990 - 94)

Alpha Tau Alpha Honor Society, Secretary and Organizational Queen (1995 – 98)

Gamma Sigma Delta Honor Society (1995 – 98)

Golden Key Honor Society (1995 – 98)

Who's Who Amongst College Students (1994 – 1998)

A.G.G.I.E. Queens Mentorship, Fundraising Chair and Organizational Queen (1995 – 2002)

Southern Hospitality Project – Homelessness Intervention and Prevention Services (1999 – present)

NC HUB Certified; State Contracts (2022 – present)

SAM Registered; Federal Contracts (2022 – present)

Marquis Who's Who in America (2024)

PROFESSIONAL LICENSE/CERTIFICATION

HAZMAT Certification (2015)

International Waste Management Institute Certificate at NCA&TSU (1998)

Sustainability Scientist, Currently Pursuing (AAEES)

License To Practice Law in California, Currently Pursuing

Vocational Education; Performing/Theatre Arts (Commonwealth of Kentucky; 2004)

CITIZENSHIP

USA

https://ballotpedia.org/Tigress_Sydney_Acute_McDaniel

<https://www.linkedin.com/in/tigresssydneyacutemcdaniel/>