

David J. Williams

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RESUMÉ

EDUCATIONAL BACKGROUND

- Graduated from Catoosa High School, Catoosa, Oklahoma, May 1996
- Bachelor of Arts, Geoscience (Environmental emphasis), The University of Tulsa, December 1999
- Master of Environmental Science (M.E.S.), The University of Oklahoma, December 2001
- Admitted to Environmental Engineering graduate program (M.S.Env.E.), Oklahoma State University, January 2002 (expected graduation – May 2003)

HONORS/AWARDS

- Valedictorian, Catoosa High School, Catoosa, Oklahoma
- Oklahoma Academic All-State, 1996
- Oklahoma State Regents' for Higher Education Academic Scholar, 1996-2001
- American Radio Relay League Scholar honoring Barry Goldwater, 1996
- American Meteorological Society Scholar, 1996-1997
- Environmental Protection Agency Tribal Lands Scholar, 1999-2000 and 2001-2002
- Graduated Cum Laude, The University of Tulsa
- Dean's Honor Roll, College of Engineering and Applied Science, The University of Tulsa
- President's Honor Roll, The University of Tulsa

RESEARCH

- Research conducted at The University of Oklahoma involved the transport of tropospheric ozone and its regional effects. A co-authored technical paper titled "Impact of Long-Range Transport on Ozone Pollution in the Oklahoma City Metropolitan Area" will be presented at the AMS 12TH Joint Conference on Air Pollution Meteorology in May 2002. Research underway at Oklahoma State University mathematically simulates bacterial behavior in the anaerobic degradation of swine waste contained in a batch reactor.

PROFESSIONAL ORGANIZATIONS

- American Society of Civil Engineers
- Environmental and Water Resources Institute
- American Meteorological Society
- National Ground Water Association

WORK EXPERIENCE

- Student Volunteer, National Weather Service, Tulsa, Oklahoma, May 1994-August 1994
- Student Intern, KTUL-TV, Tulsa, Oklahoma, May 1995-August 1998
- On Air Storm Reporting, KTUL-TV, Tulsa, Oklahoma, May 1996-April 2000
- On Air Storm Reporting, KJRH-TV, Tulsa, Oklahoma, April 2000-December 2001
- Student Intern, Cherokee Nation Office of Environmental Services, September 1998-December 1998 (GIS database conversion in conjunction with The University of Tulsa)
- Student Grading Assistant, Physics Department, The University of Tulsa, August 1997-May 1998
- Student Employee, Air Quality Division, Oklahoma State Department of Environmental Quality (ODEQ), July 2002-Present
- Graduate Research Assistant, School of Civil and Environmental Engineering, Oklahoma State University, July 2002-Present

SKILLS

- Extensive environmental/scientific coursework
- Extensive mathematical coursework
- Boundary layer meteorology/air pollution meteorology
- Geographical Information Systems (GIS)/ESRI ArcView Software
- Global Positioning Systems (GPS)/topographic maps
- Presentations/Reporting
- Microsoft Word/Microsoft Excel

REFERENCES

- Dr. William Clarkson, Associate Professor, Civil and Environmental Engineering, Oklahoma State University, 207 Engineering South, Stillwater, Oklahoma, 74078.
wclarks@okstate.edu
- Dr. Petra Kastner-Klein, Visiting Assistant Professor, School of Civil Engineering and Environmental Science, The University of Oklahoma, 202 W. Boyd St., Rm. 320, Norman, Oklahoma, 73019. pkklein@ou.edu
- Dr. Steven Bellovich, Dean, College of Engineering and Natural Sciences, The University of Tulsa, M-201 Keplinger Hall, 600 S. College Ave., Tulsa, OK, 74104. (918) 631-2478.
steven-bellovich@utulsa.edu.
- Jon Slater, Chief Meteorologist, KOKI-23, 2625 S. Memorial, Tulsa, Oklahoma, 74129. (918) 388-5317. jslater@fox23.com
- Taft Price, Meteorologist, KTUL-TV, P.O. Box 8, Tulsa, Oklahoma, 74101. (918) 445-8888. tprice@ktul.com