

ANDREW R. VANNATTA

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Objective: An entry level position in environmental education, research, and/or planning, with opportunities for advancement based on performance.

Education: **M.U.P. (Master of Urban Planning) - Environment & Design Options**
University of Wisconsin – Milwaukee (UWM), Milwaukee, WI
Anticipate degree May 2012

B.S. Forestry - Urban & Recreation Options
College of Natural Resources
University of Wisconsin-Stevens Point (UWSP), Stevens Point, WI
Graduated Magna Cum Laude (Cumulative GPA 3.82)

**Areas of
Specialization:**

Environmental Economics

- Emerald ash borer planning & management
- Municipal budgeting & finance
- Forest recreation & tourism

Urban Form & Physical Planning

- Recreation planning & site design
- Sustainable development (including LEED & New Urbanism)
- Neighborhood & street design
- Municipal engineering (soil, topography, conservation, & development)

Environmental Planning & Management

- Forest recreation management (environmental impact analysis & user preference)
- Local land use law (constitutional & statutory)
- Visual & interpretive media (Microsoft Office & the Adobe Suite)
- Policy research & analysis
- Negotiation theory & practice (balancing public vs. private interests)

**Professional
Experience:**

Oct 2010 - Present

RESEARCH ANALYST - College of Natural Resources, UWSP

Perform research on the economic impact, planning, and management of emerald ash borer with Dr. Rich Hauer, Associate Professor of Forestry.

- Approached for position despite pursuing graduate degree at another school.

Summers of 2010 & 2011

FORESTRY INTERN - City of Milwaukee DPW

Tasked with maintaining and improving the city's tree population by injection for emerald ash borer.

- Asked to return for future summer work

Sept 2010 - May 2011

RESOURCE CENTER ASSISTANT - School of Arch. & Urban Planning, UWM

Maintain the school's collection of books and assist the resource center's librarian in updating the image database.

**Professional
Experience
(continued):**

May 2009 - May 2010

STUDENT GROUNDS INTERN - Grounds Department, UWSP

Maintained and improved 200 acres of grounds encompassing the UWSP campus by developing and implementing landscape designs, managing payroll, purchasing equipment, and supervising a crew of student workers.

- Given a greater decision-making role based on performance.

Sept 2008 - May 2010

CNR PEER ADVISOR - College of Natural Resources, UWSP

Advised students, aided in academic planning, performed secretarial duties, and established a friendly, welcoming atmosphere for the CNR Student Success Center.

- Trusted with secure and/or confidential documents.

Sept 2007 - May 2009

FORESTRY RESEARCH ASSISTANT - College of Natural Resources, UWSP

Assisted Dr. Les Werner in setting up labs and performing organizational/secretarial duties. Aided with research projects.

- Built rapport with professor. Asked to return as assistant.

Oct 2008 - May 2009

RECORDS MANAGEMENT - College of Natural Resources, UWSP

Organized CNR forestry property files and assisted professor with managing a survey concerning Wisconsin woodland owners.

- Recommended by another professor.

Sept 2005 - May 2008

KNUTZEN HALL DESK RECEPTIONIST - Residential Living, UWSP

Performed organizational and maintenance tasks. Greeted visitors and answered student questions.

- Worked late and/or weekend shifts.

Sept 2007 - Dec 2007

LEAD RESEARCH ASSOCIATE - UWSP, Stevens Point, WI

Supervised students working for the community research center. Opened and closed center. Acted as liaison to faculty supervisor.

- Chosen as a lead worker based on prior experience and strength of interview.

Summers of 2006 & 2007

LTE MAINTENANCE WORKER - Governor Dodge State Park, Dodgeville, WI

Mowed lawns, cleaned bathrooms, performed trail maintenance, and assisted rangers with miscellaneous tasks.

Aug 2004 to Sept 2005, Winter 2005

GROCERY/FRONT END WORKER – Dick’s Supermarket, Platteville, WI

Stocked shelves, operated cash register, and assisted customers by bagging groceries and answering questions.

- Invited to come back for part-time work.

Peer Reviewed
Publications:

VanNatta, A.R. and R.J. Hauer. 2012. *Money and Ash Tree Management: Prioritizing Decisions in the Face of EAB.* Arborist News. In-press.

VanNatta, A.R., R.H. Hauer, and N.M. Schuettpelz. 2012. *Cost Analysis of Emerald Ash Borer (*Agrilus planipennis*) Management Strategies.* Journal of Economic Entomology. 105(1): 196-206(11)

VanNatta, A.R. 2009. *Ecological Importance of Native American Culture to the Kentucky Coffeetree.* Student Natural Resource Journals.
<<http://www.uwsp.edu/forestry/stujournals/NA/current.aspx>>

Conference
Proceedings:

Hauer, R.J. and A.R. VanNatta. 2011. *Economic and Management Models for emerald Ash borer Control.* Conference Proceedings of the International Society of Arboriculture 87th Annual Conference & Trade Show. Sydney, Australia, July 23 – July 27, 2011

VanNatta, A.R., N.M. Schuettpelz, and R.H. Hauer. 2010. *Cost Analysis of Removal and Replacement vs. Treatment of Ash Trees Susceptible to Emerald Ash Borer (*Agrilus planipennis*) on the UW-Stevens Point Campus.* Proceedings of the International Society of Arboriculture 86th Annual Conference. Chicago, IL, July 23 – 28, 2010. College of Natural Resources, University of Wisconsin–Stevens Point

Professional
Presentations:

Hauer, R.H. and A.R. VanNatta. 2012. *What's Up with the UWSP – EAB Management Planning, Cost Calculator 1,finally.* Wisconsin Arborist Association Annual Conference. Oral Presentation. Green Bay, WI. January 29 – 3, 2012

Hauer, R.J. and A.R. VanNatta. 2011. *EAB Management Resources: Economics of Management Options.* Emerald Ash Borer Risk Management Workshop. Oral Presentation. Naperville, IL, December 8, 2011

Hauer, R.H., A.R., VanNatta, and N.M. Schuettpelz. 2011. *Cha-ching, Cha-chew ... Economic Decision Making Models and Emerald Ash Borer Management.* Wisconsin Arborist Association Annual Conference. Oral Presentation. Green Bay, WI. January 30 – February 1, 2011

VanNatta, A.R., N.M. Schuettpelz, and R.H. Hauer. 2010. *Cost Analysis of Removal and Replacement vs. Treatment of Ash Trees Susceptible to Emerald Ash Borer (*Agrilus planipennis*) on the UW-Stevens Point Campus.* International Society of Arboriculture 86th Annual Conference & Trade Show. Poster Presentation. Chicago, IL, July 23 – 28, 2010

VanNatta, A.R.. 2010. *Cost Analysis of Removal and Replacement vs. Treatment of Ash Trees Susceptible to Emerald Ash Borer (*Agrilus planipennis*) on the UW-Stevens Point Campus.* Posters in the Rotunda. Oral Presentation. Madison, WI. May 5, 2010.

VanNatta, A.R. and N.M. Schuettpelz. 2010. *Cost Analysis of Removal and Replacement vs. Treatment of Ash Trees Susceptible to Emerald Ash Borer (*Agrilus planipennis*) on the UW-Stevens Point Campus.* UWSP Student Research Symposium. Oral Presentation. Stevens Point, WI. April 9, 2010.

Professional Presentations (continued):

VanNatta, A.R. 2009. *Kentucky Coffeetree: Past, Present, and Future.* 2009 Wisconsin High School Conference on the Environment. Oral Presentation. University of Wisconsin – Stevens Point. November 18, 2009.

VanNatta, A.R. 2009. *Ecological Importance of Native American Culture to the Kentucky Coffeetree.* Posters in the Rotunda. Oral Presentation. Madison, WI. April 22, 2009.

VanNatta, A.R. 2009. *Cross-cultural Management Techniques for Developing Rapid Resource Assessment and Management Plan Composition in Rajasthan, India.* UWSP Student Research Symposium. Oral Presentation. Stevens Point, WI. April 3, 2009.

Special Projects:**WATER-CENTRIC CITIES CONCEPT PLAN – In Progress:**

Collaborating with the Milwaukee Water Council to develop a plan for integrated public and private infrastructure, so as to maximize the sustainable use and reclamation of water while saving energy and reducing the adverse environmental impacts of water use. Strategies focus on decentralization, reduced reliance, regulatory change, and cost analysis, among others.

MASTER OF URBAN PLANNING COMPREHENSIVE EXAM – Summer 2011:

The comprehensive exam requires students to integrate planning knowledge and skills to solve real planning problems. Students are required to be competent in statistical analysis, planning methods, urban development theory, land use planning and planning law, planning theory and ethics, and writing.

POLICY PLANNING ANALYSIS – Fall Semester, 2011:

Worked with peers in the MUP program to develop four separate policy plans over an eight week period. Plans were developed for and in conjunction with the city of Milwaukee Office of Environmental Sustainability, the Mequon Thiensville Community Task Force, the West Wisconsin Avenue (Milwaukee) Task Force, and the Metropolitan Milwaukee Association of Commerce.

WATERFRONT REDEVELOPMENT CASE STUDY – Spring Semester, 2011:

A study of Malmö, Sweden's Bo01 development as relating to urban sustainability within Milwaukee's Inner Harbor redevelopment. The case was presented and published as a component of the Institute for Ecological Design's "01: Inner Harbor Milwaukee" (2011) research and project symposium.

UWSP CAMPUS TREE INVENTORY – Winter 2009: Developed an inventory of the university's trees. Data was analyzed and presented as two research projects in the College of Natural Resources' Undergraduate Research Symposium April 2010. Received highest honors.

GEM STUDENT AMBASSADOR – Summer 2008:

Performed research in Bhilwara, Rajasthan, India and worked with the Foundation for Ecological Security, a Non-Government Organization, to develop a management plan for the Menali River watershed. Received internship credit.

- Computer Software:** **VanNatta, A.R. and R.J. Hauer. 2012.** EAB-PLANS[®] (Version Beta).
Computer software. University of Wisconsin - Stevens Point. Stevens Point, WI.
Released January 16, 2012.
- Certification:** **ISA Certified Arborist**
- January 2012 – Present
- Commercial Pesticide Applicator:**
- Level 3.0 – Turf and Landscape
- Wildland Firefighter Type 2, National Wildfire Coordinating Group:**
- S-130 (Basic Wildland Firefighter) and S-190 (Fire Behavior) levels
 - L-180 and I-100 levels now also requirements of certification
- Scholarships & Awards:**
- 2011:** Gaylord Nelson / Mobius Award
- 2010:** Charles Causier Memorial Scholarship
Chancellor’s Graduate Student Award.
- 2009:** Albertson Medallion
Chancellor’s Leadership Award
Highest Honors: 2010 CNR Student Undergraduate Research Symposium
Davey Arbor Grant
Wisconsin Wildlife Federation Scholarship
- 2008:** Irene Straus Award
Safari Club WI Chapter Award
Robert Felix Memorial Scholarship
Robert W. Miller Outstanding Undergraduate Student Award
- 2007:** Leo Gwidt Award
Kramer Family Scholarship
- 2006:** IBEW Local 953 Award
- Membership & Professional Service:**
- Wisconsin Arborists Association** (2008 to present)
- International Society of Arboriculture** (2008 to present)
- Student Society of Arboriculture, UWSP** (2008-2010)
- Vice President (2010)
 - Secretary (2009)
- Milwaukee Student Planning Association** (2010 to 2011)
- American Planning Association** (2010 to 2011)
- Xi Sigma Pi Natural Resource Honor Society** (2009-2010)
- Treasurer (2010)
- Student Government Association: Senator** (2010)
- Caucus Chair: College of Natural Resources
 - Environmental and Sustainability Issues Committee

Background & Interests: Born and raised on a farm in rural Southwest, WI. During high school, was an editor for the school newspaper and participated in band, orchestra, choir, and forensics. Member of the varsity wrestling team, football team, and track team. Participated in the state solo/ensemble festival, wrote movie reviews for “The Weekender,” and was the student delegate to the school board. Interests include art, music, photography, traveling, camping, hunting, gardening, reading, and spending time outdoors with my wife.

References:

Dr. Rich Hauer, Assistant Professor of Forestry
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Mr. Ian Brown, Forestry Technical Services Coordinator
City of Milwaukee
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Mr. Chris Brindley, Grounds and Building Superintendent / Recycling Coordinator
Facility Services
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Mrs. Sue Kissinger, Coordinator of Advising and Recruitment
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