

# School of Agriculture & Land Resources Management

## Degree Candidates

*Carol E. Lewis, Interim Dean*

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### **Bachelor's Degrees:**

Jennifer L. Arseneau <i>cum laude</i> <i>Golden Key Honor Society Resources</i>	B.S.	Natural Resources
Anna C. Atchison	B.S.	Natural Resources Plant, Animal & Soil
Allegra Olivia Valentina Banducci	B.S.	Natural Resources
Michael Barraclough	B.S.	Natural Resources Plant, Animal & Soil
Lisa Baxter	B.S.	Geography
Craig W. Bosveld	B.S.	Natural Resources

Stephen Edward Winslow *cum laude* B.S. Natural  
*Golden Key Honor Society* Plant, A

### **A UghYfDg'8 Y[ fYYg**

Amy Nicole Davis M.S. Natural  
*B.S., University of Alaska, 2000*

Julianne Leigh Fogde M.S. Natural  
*B.S., Evergreen State College (Washington), 1995*

Jamie Hollingsworth M.S. Natural  
*B.S., University of Alaska, 1997*

Laura Hartman Walker M.S. Natural  
*B.A., University of Alaska, 1995*

Brenda Wilmore M.S. Natural  
*B.S., University of Montana, 1986*

### **Ph.D**

**Xiao Yan Dai** Ph.D. Soil Ch  
Program

*B.S., Shen Yang Agricultural University (China), 1984*

*M.S., Shen Yang Agricultural University (China), 1987*

**Thesis:** Bioavailability and Chemical Characterization of Soil O  
This thesis evaluated bioavailability and chemical characteristics  
Arctic soils. Laboratory incubation technique was used to determ  
SOM. Solid-state and liquid-state <sup>13</sup>C NMR, pyrolysis-gas chro  
spectrometry, wet chemical fractionation and amino sugars deter  
to evaluate the chemical composition of SOM.

**Major Professor:** Dr. Chien-Lu Ping

**David C. Maddux** Ph.D. Applie  
Interdi

*B.S., University of Alaska, 1994*

**Thesis:** Constructed Wetlands for Wastewater Treatment in the  
Assessing the capability of macrophytes indigenous to the subarc  
from wastewater and determining the feasibility of using constru  
wastewater treatment in a subarctic environment with a focus on

**Major Professor:** Dr. Stephen D. Sparrow