

Andrew V. Novotorov, Ph.D.

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EDUCATION

Iowa State University

Doctor of Philosophy in Agricultural Education & Extension Education

Dissertation Title: “Perceived impact of internship and practical training programs
on students’ professional and personal growth”

Interests: Experiential Learning Style and Distance Learning

Ames, Iowa

2001

Leningrad Institute of Agriculture

Master of Science in Agricultural Systems Technology

Interests: Consulting and Extension Education

Leningrad, Russia

1990

Gorkiy Institute of Agriculture

Bachelor of Science in Animal and Poultry Science

Interests: Agricultural Education and Community Development

Gorkiy, Russia

1982

ADDITIONAL TRAINING

- Analyzing and Visualizing Data with Excel, edX Microsoft – Certificate, 2016
- CANVAS Learning Management System – Certificate, 2015
- E-Certified Instructor, State College of Florida, 2014
- Designated School Official (DSO), USICE/SEVP - Certificate, 2013
- Florida Official Statement of Status of Eligibility 6-12 grades, Agricultural Science
- “Corporate Governance, Risk and Compliance: The Root Cause of Financial Liquidity Crisis” Internet Based
- Virtual Seminar - Certificate, 2009
- “Innovative Ideas and Best Practices in Teaching Intro to Business Online”, Internet Based Virtual Seminar, Certificate, 2009
- Teaching Certificate, Iowa State University – Certificate, 2001
- Training Program in Farm Management, Iowa State University with Nizhniy Novgorod State Agricultural Academy – Certificate, 1996.

AREAS OF EXPERTISE WITHIN A DISCIPLINE

- A leader in secondary and postsecondary educational programs, with total twenty four years experience in pedagogy including over sixteen years experience of teaching formal and non-formal agricultural education programs;
- Six years experience in undergraduate programs, continuing education, academic advisement, extension program development, delivery and evaluation, both domestically and internationally with a client-centered philosophy;
- Dedicated to quantitative research development towards an increase of learning efficiency, which is a constant requisite in every academic program;
- Possess a large knowledge base of curriculum development, instructional design and differentiated learning facilitation, internship program development and implementation for multicultural audiences in on/off-campus educational settings;
- Value student and client contributions and create an environment that allows freedom of expression and respect in the classroom atmosphere;
- Exhibit an ability to improve academic management and organizational systems including development of formative and summative evaluation processes, research design, and operational guides for teachers and office staff of rural schools.
- Demonstrate an expertise developing online course and “Tablet” PC computer classroom applications;

COURSES TAUGHT**1) At FHSU**

Spring 2007- 2009 Teaching Agriculture Education (AGRI 460), Early Field Experience in Agriculture (AGRI 277), Marketing Farm Products (AGRI 211), Agribusiness Firms Management and Marketing (AGRI 470), Global Agricultural Internship (AGRI 400C), Agricultural Resource Valuation (AGRI 456)

Fall 2006 - 2008 Teaching Agriculture Education (AGRI 460), International Agricultural Economics (AGRI 400D), Fundamentals of Agricultural Commodity Marketing (AGRI 320), Agricultural Finance (AGRI 410), Marketing Farm Products (AGRI 211)

2) Other Institutions in US and abroadAgricultural Business, Management & Marketing

2003 – 2006 Agricultural Management Internship (AGRI 297A), Introduction to Agricultural Marketing (AGEC 244), World Food Crops (PLSC 110), Introduction to Soil Science (SOIL 210), Introduction to Animal Science (ARSC 114), Agricultural Accounting (AGEC 142), Agriculture Math (AGRI 115)

1990-1996 Operation Planning Strategies

1990-1996 Business Planning

1997-2000 Internships in Agricultural Business

On-line courses

2004 – 2006 Introduction to Agricultural Marketing (AGEC 244), Horticulture (HORT 110), Agricultural Accounting (AGEC 142), Introduction to Animal Science (ARSC 114)

3) High School Teaching

1996 – 1998 7th – 12th Grade Ag, Intro to Ag, Ag Business Management, Ag Construction, Ag Science, Horticulture, and Dairy Internship

EMPLOYMENT HISTORY*State College of Florida*

Bradenton, FL

Adjunct Faculty

2013 – Present

Teaching Biology and Earth and Space Science online and on-campus settings. Pursuing innovative approaches to instructional delivery, including creative and effective uses of technology and online instruction. Actively participating in the College's sustainability practices and initiatives. Maintaining a professional appearance at all times. Responsible for preparing, reviewing, ordering teaching materials, and updating course outlines and syllabi to meet class schedule requirements.

Six Red Marbles

Charlestown, MA

Independent Contractor, Writer

2014 – Present

Revision of new and creating new core interactive text (CIT) with photo/asset selection from designated website. Modeling lesson plan, hands-on activities (HOA) with for students and teachers, teacher's hands-on labs (HOL) with student HOL and development of content for understanding assignments with rubrics and answers.

Edison Academics

Bradenton, FL

Science Instructor (6-12 grade)

2012 – 2013

Teaching nine to twelve levels in biology, earth science, chemistry, physical science and agricultural science. Working as a member of the syllabus development committee and differentiated learning lesson plans. Analyzing teaching material for the positive results and creating study material according to the ages of the students. Providing the course material to the students and giving them a proper feedback. Developing a teaching material for students and guiding them for the better results. Practice innovative technologies to instructional delivery, including online teaching. Conducting research on students' learning style and teaching methods.

- Boys and Girls Club/ Educate Today (part-time)* Bradenton, FL
Science Instructor (1-5 grade) 2012 – 2013
 Teaching project based classes in science. Leading Boys & Girls Club special group hands-on activities, develop weekly lesson plans and complete daily reports and prepare weekly reports. Planning, organizing, promoting, & implementing a diversified educational programs in two or more of core program areas. Preparing youth for success.
- “AVN” Consulting* Bradenton, FL
Analyst/Risk Management Consultant 2005-2012
 Consulting clients including ISLE Pompano Park (FL); Developmental Technologies, LLC (FL); Krause Corporation (KS); Osborne Industries Inc (KS); Golden Bison to Russia of Omaha (NE); Summers
- Fort Hays State University* Hays, KS
Assistant Professor of Agricultural Business 2006-2009
 Taught a variety of undergraduate agricultural education and agribusiness courses (12 credit hours each semester) including theoretical and applied coursework in teaching agriculture, agricultural marketing, agricultural finance, and agricultural resource valuation, as well as a capstone case-study course for agribusiness majors. Served on department and university committees, and participated in other appropriate department, college, university, community professional service activities. Involved in undergraduate student advising and supervising ag. business club. Developed a new course titled International Agricultural Economics. Developed a research program in ag. economics focusing on topics of regional agricultural interest. Involved in professional experimentation, pedagogical innovation, grant writing, and other creative initiatives.
- Dickinson State University* Dickinson, ND
Assistant Professor of Agriculture 2003-2006
 Taught 15 credits per semester of agricultural classes in-class and online settings. Advised and monitored students in departmental undergraduate and graduate degree programs as well as FFA program at local High School. Oversaw and continuously improved the design, and evaluation of the international agricultural management internship program to meet university global awareness initiatives, developed and implemented new programming to meet area needs. Secured external funds to promote non-formal education and enhance existing educational processes. Conducted research in the area of international academic program development. Constantly developed partnerships between DSU and industry.
- College for Working Adults* Des Moines, IA
Adjunct Faculty 2002-2003
 Instructed courses in Intro to Horticulture, Organizational Behavior, Lifelong Learning, Adult Learning Theory and Conflict Resolution for Managers. Assessed needs to implement the work plan, involving volunteers and marketed the program. Participated in the prescribed professional development program through in-service education, formal coursework, personal study and grant writing.
- Department of Agricultural Education and Studies, Iowa State University* Ames, IA
Research Assistant 1997-2001
 Enhanced a survey instrument to measure the use of learning processes and evaluate its impact on student accomplishment in extension internship programs. Revised performance evaluation procedures for field and administrative staff to align procedures towards crop resistance and thus reduce a risk of diseases caused due to pesticides in crops. Served as a key contact with extension interns in completing their experience programs in agriculture, 4-H, community and industry. Served as a chaperone for 4-H kids at the State Fair.
- Iowa State University, Cerro Gordo/Hancock County Extension* Ames, IA
Extension Intern 1997, 1998
 Coordinated program planning, implementation and evaluation needed to facilitate the development of non-formal educational programs. Supervised 4-H unit staff employees in planning, development and delivery of the unit’s programs and assisted in developing skills of agronomy students to include parlor management, nutrition, crop breeding, and general corn production management.

Linda High School

Agricultural Science Teacher

Taught high school agriculture in a suburban setting with a progressive curriculum. Served as the FFA advisor and SAE supervisor. Obtained federal grant funding for the construction of a greenhouse with aquaponics facility. Facilitated dairy science internship program with the following employment for students. Supervised local FFA program.

Bor County, Russia

1996-1998

Extension/Continuing Education Center

Education Director

Coordinated and presented workshops and seminars in farm management, crop science and vegetable production technologies that impact the industry. Developed a plan for involving diverse volunteers in planning and developing specific educational programs, to include recruitment, training, support and recognition.

Nizhniy Novgorod, Russia

1994-1996

DEPARTMENTAL AND INSTITUTIONAL SERVICE

- FHSU Library Committee
- University Internationalization Team
- Advisor for Agribusiness club
- Agricultural Outlook Conference Committee
- Theodore Roosevelt Honors/Leadership Program – The Honors Curriculum Committee Member (HCC)
- Member of DSU Study Abroad Advisor Committee (DSU SAAC)

PROFESSIONAL ASSOCIATIONS

- NCCC-134 meeting on Applied Commodity Price Analysis, Forecasting and Market Risk Management
- Association for International Agricultural and Extension Education (AIAEE)
- Association of International Educators (NAFSA)
- National Postsecondary Agricultural Student Organization (PAS)
- North Dakota/Nizhniy Novgorod Council (NDNNC)
- Kansas Association of Colleges and Teachers of Agriculture (KACTA)
- Member of Round Table Group's network of experts

SCHOLARLY ACTIVITIES:

1. SELECTED PUBLICATIONS

Novotorov, A.V. (2013). *New Micro Porous Irrigation Technology is a Solution for Future Water Shortages*. Life Sciences / Agricultural Sciences. September. My Net Research – Empowering Collaboration. September, 2013, www.mynetresearch.com

Novotorov, A.V. and Brikach, G.E. (2012). *Comprehensive Analysis of Marketing Activities of the Enterprises Using Imitating Model of the Perfect Competition*. Economic Analysis, Theory and Practice. Publishing House “Finance and Credit”. July 2012, Moscow, Russia, pp 2-6.

Novotorov, A.V. and Brikach, G.E. (2012). *The Imitating Model of the Perfect Competition*. MSUT International Scientific-Practical Conference. Nizhniy Novgorod, Russia, pp 4-8.

Novotorov, A.V., Sinda E. P. (2010). *Cabbage Root Elongation*. My Net Research – Empowering Collaboration. September, 2010, www.mynetresearch.com

Novotorov, A.V., Sinda E.P. (2010). *Estimating Cabbage Water Consumption with Eco-Ag Irrigation Technology*. Franklin Business & Law Review Journal, December 2010, www.franklinpublishing.net.

- Novotorov, A.V., Brikach G.E. (2009). *Forecasting Profit: Optimization of Production Cost at Fort Hays State University Farm*. My Net Research – Empowering Collaboration. March, 2009, www.mynetresearch.com
- Brikach, G.E., Novotorov, A.V. and White, G.A. (2008). *Forecasting on the Basis of Imitating Model of the Perfect Competition*. The Ethics & Critical Thinking Journal, December 2008, www.franklinpublishing.net.
- Novotorov, A.V., Brikach, G.E. (2008). *New Model of Forecasting Prices for Farmers*. Insights to a Changing World Journal, June 2008, www.franklinpublishing.net.
- Shiriaev, E.N., Brikach, G.E. & Novotorov, A.V. (2008). *Method of allocation of perfect competition parameters from "expenses vs. revenue" data collected in the agro-industrial complex enterprises of USA and Russia*. Economics of Agro-Processing Companies Magazine, January 2008.
- Novotorov, A.V., Brikach, G.E. (2007). "Globalizing the Curriculum at Dickinson State University: Dual-Degree and International Internship Programs at the Department of Agriculture and Technical Studies." Analytical Reports in International Education (ARIE), International University Line, iul@iul-press.com.
- White, G.V., Novotorov, A.V., Tuhy J.P and Brikach G.E. (2006). *Analysis of Modeling Commodity Prices Forecasting for Farmers*. Applied Research and Technology Conference, N. Novgorod, Russia, pp. 17-21.
- White, G.V., Stehann, J.P. and Novotorov, A.V. (2003) *Dickinson State University has an important role in protecting the United States food industry*. The Strategy of Development of Agriculture, Forestry and Sphere of Services in Russian Federation and in the World. International Symposium, N. Novgorod, Russia.
- Novotorov, A.V. (2001). *Perceived impact of internship and practical training programs on professional and personal growth: Implications to agricultural and extension education*. Unpublished doctoral dissertation, Iowa State University, Ames, Iowa.
- 2. PRESENTATIONS**
- 2009, Novotorov, A.V. *China – Oregon Export*. Moderator, International Business Conference. Concordia University, Portland, Oregon
- 2005, Novotorov, A.V., *Identifying business opportunities in Russia, Kazakhstan, and Ukraine*. Moderator, International Business Conference, Dickinson State University, Dickinson, ND.
- 2005, Novotorov, A.V. *Outcomes of the Russian project, student exchange and business study tour to Russia*. Moderator of Panel Discussion, Dickinson State University, ND
- 2004, Novotorov, A.V. *Braking down stereotypes: Success for American/Russian relationships*. Moderator, International Student Panel. Dickinson State, Dickinson, North Dakota
- 2003, Novotorov, A.V. *Growing up as the iron curtain fell*. Moderator, International Student Panel. Dickinson State, Dickinson, North Dakota
- 2003, Novotorov, A.V. *Medium and long-term students exchange and small group educator exchanges between DSU and NNSA*. International education and research symposium at Nizhniy Novgorod State Agricultural Academy, Russia
- 2002, Novotorov A. V. *Global changes in Transaction*. Iowa State Department of Transportation, Iowa.
- 2001, Novotorov A.V. *Perceived impact of internship and practical training programs on professional and personal growth: implications to agricultural & extension education*. Doctoral dissertation defense, Iowa State University.

GRANTS

- Novotorov, A.V. (2003). North Dakota Grain Dealers Educational Foundation Grant (\$1,450)
- Chrisinger, J., Ralston, A., Novotorov, A.V. & others (1995). USAID Grant, Nizhny Novgorod, Russia/Iowa State University Academic Partnership Project (\$2,000,000)
- Polson, A. and Novotorov, A.V. (1993). USDA Cochran Fellows Grant (\$1,800)
- Harl, N.E. and Novotorov, A.V., (1993). USDA, Center for International Agriculture Finance, School of Agricultural Banking, Credit and Finance for NIS Countries in Transition (\$500,000)

HONORS

- 2008, Cambridge Who's Who among Executives, Professionals and Entrepreneurs.
- 2001, Honor Society for International Agricultural Educators, Phi Delta Kappa International
- 2001, Graduate College Award "All But Dissertation", Scholarship for Spring Semester, 2001
- 2000, The Honor Society of Agriculture, Gamma Sigma Delta, Iowa State University
- March 1998, Association for International Agricultural and Extension Education Conferences Presidential Scholarship to attend the AIAEE conference in Tucson, AZ, April 16-18, 1998

REFERENCES: MARCUS LINDEMANN, MS, MSW, CH

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Department of Natural Science
State College of Florida
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Work: 941-752-5341**Home: 941-920-4059**lindemm@scf.edubasalttiki@gmail.com**ROBERT STEPHENSON, Ph.D.**

Associate Professor
Department of Agriculture
Albertson Hall 204D
Fort Hays State University
509 South Campus Drive
Hays, KS 67601

Work: 785-628-4010**Home: 785- 432-0415**rstephen@fhsu.edu**LYNN JONES, Ph.D.**

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Work: 515-294-3110**Home: 830-992-5452**xljones@iastate.edu**KOSTAS VOUTSAS, MBA, MSHR/OD**

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Dickinson State University
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Bismarck, ND 58506

Work: 701-224-2547**Home: 701-225-9742**Konstandinos.Voutsas@dickinsonstate.edu**ERIC RAY, Ph.D.**

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