

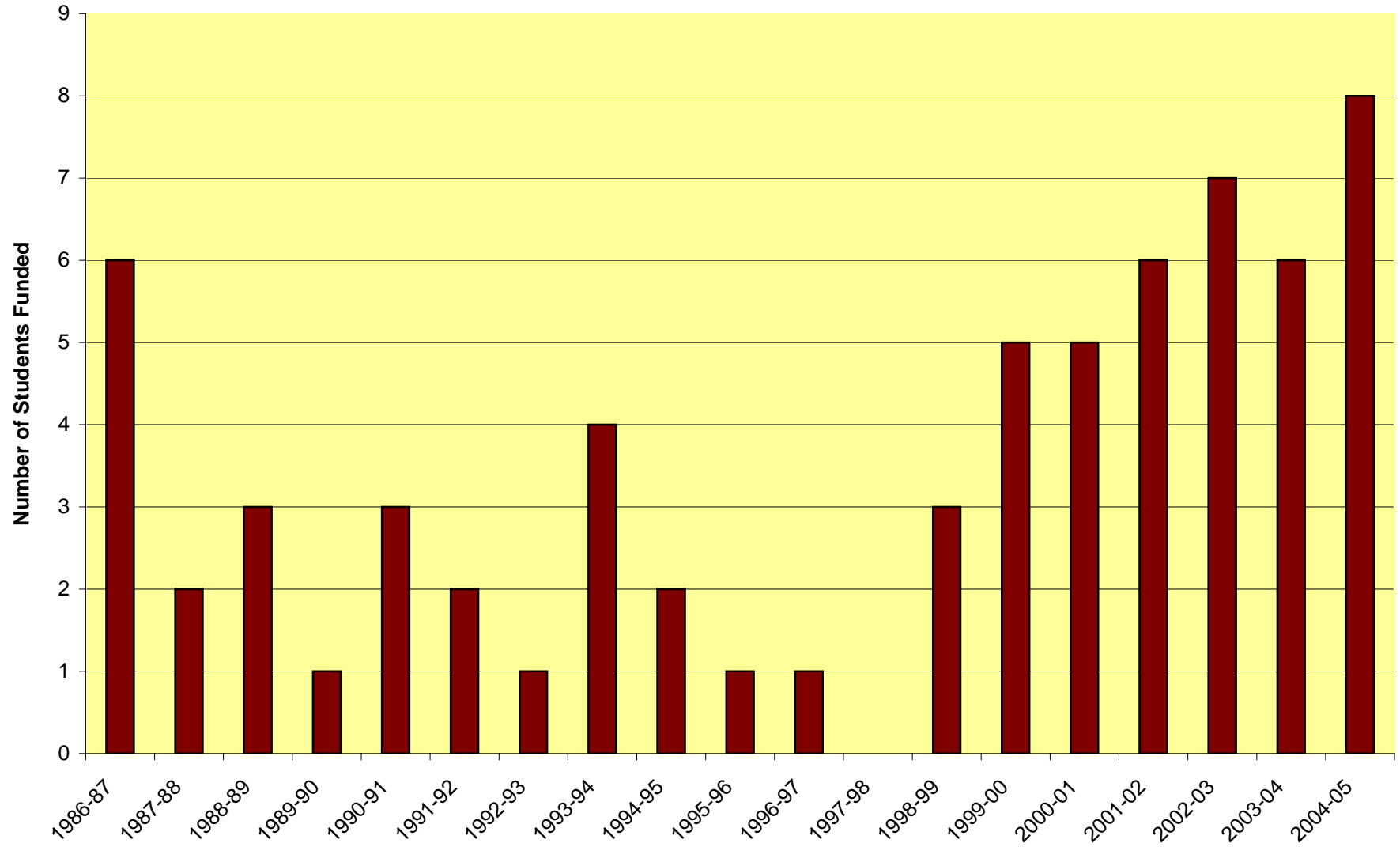
UNIVERSITY OF MINNESOTA, CROOKSTON -- FUNDED UROP PROJECTS FROM 1986-87 TO 2004-05

Year	Student	Title of Project	Faculty Sponsor	Amount
1986-87	Todd Anderson	Tissue Culture of a Populus Hybrid	Wendell Johnson	1,000.00
	Kathleen Brokke	Market Survey of Minnesota and Eastern North Dakota: Employment Potentials for Technical Program Graduates	Philip Baird	710.00
	Wayne Engeseth	Evaluation of Protein Content of Seed Relative to Seedling Vigor	Marvin Mattson	990.00
	Pamela Gauper	Hospitality Job Opportunities for the Associate Graduate vs. the Bachelor Graduate	Ken Myers and Glenn Olsen	625.00
	Karon Miller	Market Survey of UMC Horticulture Alumni: Evaluations of Horticulture Program in Relation to Employment Potential	Philip Baird	710.00
	Joan Theis	Visual Merchandising: Display Techniques and Props	Ella Strand	995.00
1987-88	Deborah Janssen	Equine Science Curriculum and Graduate Outcome Survey	Shari Howe	710.00
	Bradley Kjeldahl	Feasibility of Feeding "Spent" Cooking Oil to Growing-Finishing Pigs	Harvey Peterson	935.00
1988-89	Brenda Barrows	Revision and Production of a New Computer Aided Transcription Dictionary	Twyla Treanor	800.00
	Brenda Fisher	Nanny Child Care: Why Nannies Leave Employment	Glenn Olsen	840.00
	Mike Koch	Relationship of Soil Profile Discontinuities and Plant Available Water	Stephen Wangemann	780.00
1989-90	Heidi Schires	Business Division Alumni Survey	Susan Brorson	985.00
1990-91	Andrea Hensler	Travelers Checks - Should You Leave Home Without Them?	Ken Myers	590.00
	David Rustad	Role of Potato Residue in Maintaining Inoculum of AG-2-2 of Rhizoctonia Solani Pathogenic to Sugar Beet	Carol Windels	1,000.00
	Debra Tjaden	Food Service Nutrition Education Project	Sharon Stewart	550.00
1991-92	Bruce Paulsrud	Zoospore Attraction and Oospore Formation of Aphanomyces Cochlioides in Roots of Sugar Beet Differing in Susceptibility to the Pathogen	Carol Windels	1,000.00
	Ronda Pehling	Development of Audio-Visual Multi-Voice Transcripts	Twyla Treanor	1,048.00
1992-93	Jon Warner	Biological Control of Sugar Beet Seedling Pathogens with a Bacterial Seed Treatment	Carol Windels	1,050.00
1993-94	Nathan Benesh	Directing a Student Theater Production at UMC	George French	1,050.00
	Paul Carrier	Indian Gaming: Is It a Positive or Negative Influence on the Northwestern Minnesota Hospitality Industry?	Ken Myers	1,010.00
	Wayne Cymbaluk	A Fall Study of Waterfowl Food Resources in Soils of Cultivated Wild Rice Paddies	W. Daniel Svedarsky	965.00
	Alan Melvie	A Fall Study of Waterfowl Food Resources in Soils of Cultivated Wild Rice Paddies	W. Daniel Svedarsky	965.00
1994-95	Rita Resendiz	Designing a Homepage on the Internet and Writing the Instructions in Toolbook for Use by Students	Robbie McGurran	825.00
	Darrell Schindler	Evaluation of Techniques for Optimal Production of Oospores of Aphanomyces Cochlioides	Carol Windels	1,050.00
1995-96	Darrin Smedsmo	UMC Microbiology on the World Wide Web	Jerome Knutson	1,050.00
1996-97	Sarah Williamson	Glucose and Glycogen Regulation in Horses with Polysaccharide Storage Myopathy	Melissa Hower	1,200.00
1997-98	No Projects Funded			
1998-99	Rick Egeland	Soudan 2 Muons in Coincidence with Gamma Ray Bursts	David DeMuth	1,700.00
	Paul Kubista	Inheritance of Herbicide Tolerance from Corn Inbreds and Hybrids	Marvin Mattson	1,300.00

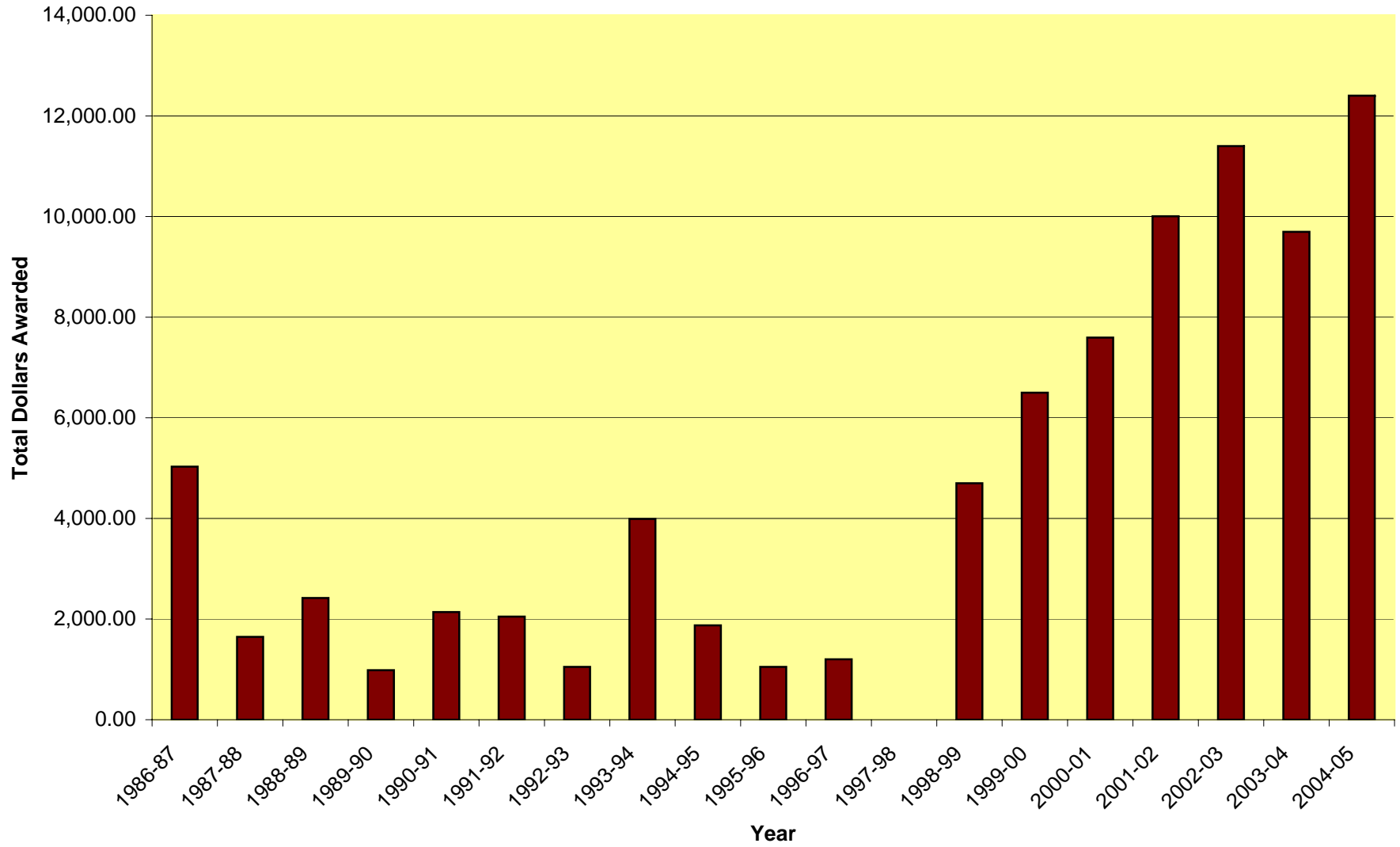
	Aaron Neumann	Population Study of the Bullsnake (<i>Pituophis catenifer sayi</i>) of Sherburne National Wildlife Refuge	W. Daniel Svedarsky	1,700.00
1999-00	Timothy Gerla	The Use of MySQL Database Software for Web-based User Front Ends in the MINOS Project	David DeMuth	1,395.00
	Carla Juntunen	Parent Involvement: Learning Activities at Home	Soo-Yin Lim-Thompson	1,500.00
	Dominik Roeser	A Re-survey of Windstorm Damage to Hardwood Stands on the Rydell National Wildlife Refuge	Philip Baird	1,337.00
	Rachel Sundbom	Directing, Supervising, and Managing a Student Theater Production at UMC	George French	1,106.00
	Carrie Tollefson	Computer Disc Development for Microbiology	Jerome Knutson	1,162.00
2000-01	Jeff Crowe	Researching and Building a Database in Ethical Implications of Human Research Subjects	James Thomasson	1,600.00
	Shane Heldstab	Photo Gallery (including link, interactive review and CD) of Microbiological Techniques	Jerome Knutson	1,405.00
	Meleah LaPlante	Musical Review	George French	1,700.00
	Dana Prudhomme	The Global/Local Tensions: Communications, Technology, and Culture	Mark Huglen	1,450.00
	Kerry Schaar	Creating Electronic Portfolios for Teachers	Soo-Yin Lim-Thompson	1,440.00
2001-02	Debbie Fowler-Caron	Selection of Bird Feeder Color by Wild Finches	John Loegering	1,665.00
	Daniel Oberg	Selection of Niger Seed Varieties by Wild Finches	John Loegering	1,665.00
	Natalie Ostgaard	Public Awareness of the Scientific and Technical Communications Program	Mary Pringle	1,676.00
	Kari Visness	The Role of Medical Nutritional Supplementation in the Treatment of Weight Loss Related to Malnutrition Among Nursing Home Residents in Northern Minnesota	Sharon Stewart	1,600.00
	Daniel Weber	Development of a Management Plan for the Pankratz Prairie	W. Daniel Svedarsky	1,700.00
	Harold Weber	Developing Math Accessibility on Linux	David DeMuth	1,700.00
2002-03	Anders Berggren	Keyboard-less Interactive Educational Interface Design	David DeMuth	1,700.00
	Shawna Campbell	The Relationship Between Small Mammal Density and Woody Debris/Vegetation Cover	John Loegering	1,700.00
	Thaddeus Hogan	Web-based Sensory and System Control Project	David DeMuth	1,700.00
	Katherine Johnson	Determine Current Level of International Curriculum Integration at UMC	Steven Shirley	1,450.00
	Laura Kuldaneck	Conservation of Steroidogenic Factor-1 Between Two Turtle Species	Pam Elf	1,700.00
	Ryan Owens	Assessing the Impact of Laptop Computers on Learning Opportunities	Doug Knowlton	1,450.00
	Erik Shaffer	Small Mammal Community Composition, Abundance, and Density in Huot School Forest	John Loegering	1,700.00
2003-04	Rebecca Blake	Designing Learning Spaces for Infants and Toddlers	Soo-Yin Lim-Thompson	1,700.00
	Joshua Brule	Using Computers to Maximize Classroom Learning: Computer Game-based Learning for K-3rd Grade Mathematics	Soo-Yin Lim-Thompson	1,400.00
	Thaddeus Hogan	Standard for Data Acquisition Methods	David DeMuth	1,700.00
	Steven Kongsjord	The Historical Context of Business Environmental Factors that aided in the Business of Socialist Revolution: The Appeal to Reason (joint proposal with Jay Tupa)	Susan Brorson	1,620.00
	Kelly Nelson	Interactive Physics Tool - Video Based Object Motion Tracking Application	David DeMuth	1,655.00
	Jay Tupa	The Historical Context of Business Environmental Factors that aided in the Business of Socialist Revolution: The Appeal to Reason (joint proposal with Steve Kongsjord)	Susan Brorson	1,620.00
		Note: Steven Kongsjord and Jay Tupa decided during spring semester they did not have time to do the project, so the project was never started or completed.		
2004-05	Vanessa Armstrong	The Effects of Three Potential Endocrine Disruptors on the Sexual Reproduction of the Rotifer <i>Brachionus</i> <i>Calyciflorus</i>	Brian Dingmann	1,700.00
	Nathaniel Emery	An Analysis and Plan Development for Nature Nook - A Naturescaping Project	W. Daniel Svedarsky	1,665.00

	Earl Evans	The Effect of Plant Growth Regulators on Dollar Spot Growth Rate on Creeping Bentgrass Cultivars	Alex Ellram	1,152.00
	Nate Hines	Automotive Diagnostic and Control Hardware	Martin Lundell	1,700.00
	Jennifer Kaser	Effects of Synthetic Pyrethroid Pesticides on the Feeding Behavior of Aphids	Ian MacRae	1,400.00
	Richard Laager	Automotive Diagnostic and Control Programming	David DeMuth	1,425.00
	Sarah Parker	Germination of Orchid Seeds from Tissue Culture	Melinda McVey McCluskey	1,685.00
	Phillip Seibel	Production of a Compact Disc of Professional Quality of Original Songs Written and Performed by University of	George French	1,675.00
		Minnesota, Crookston Student Phillip Seibel and other Student Musicians		

UMC UROP Grants



UMC UROP Grants II



UNIVERSITY OF MINNESOTA, CROOKSTON						
FUNDED UROP PROJECTS						
	Number	Total Dollars	Average			
Year	of Projects	Awarded	Award			
1986-87	6	5,030.00	838.33		1986-87	5,030.00
1987-88	2	1,645.00	822.50		1987-88	1,645.00
1988-89	3	2,420.00	806.67		1988-89	2,420.00
1989-90	1	985.00	985.00		1989-90	985.00
1990-91	3	2,140.00	713.33		1990-91	2,140.00
1991-92	2	2,048.00	1,024.00		1991-92	2,048.00
1992-93	1	1,050.00	1,050.00		1992-93	1,050.00
1993-94	4	3,990.00	997.50		1993-94	3,990.00
1994-95	2	1,875.00	937.50		1994-95	1,875.00
1995-96	1	1,050.00	1,050.00		1995-96	1,050.00
1996-97	1	1,200.00	1,200.00		1996-97	1,200.00
1997-98	0	0.00	0.00		1997-98	0.00
1998-99	3	4,700.00	1,566.67		1998-99	4,700.00
1999-00	5	6,500.00	1,300.00		1999-00	6,500.00
2000-01	5	7,595.00	1,519.00		2000-01	7,595.00
2001-02	6	10,006.00	1,667.67		2001-02	10,006.00
2002-03	7	11,400.00	1,628.57		2002-03	11,400.00
2003-04	6	9,695.00	1,615.83		2003-04	9,695.00
2004-05	8	12,402.00	1,550.25		2004-05	12,402.00
Total	66	\$85,731.00	\$1,298.95			

