

Posters in the Rotunda

A Celebration of
Undergraduate
Student Research

Capitol Rotunda
Madison, Wisconsin
April 22, 2009





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Undergraduate Student Research

April 22, 2009
10:00 a.m.–3:00 p.m.

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Madison, Wisconsin

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POSTERS IN THE ROTUNDA 2009

SCHEDULE

10:00 a.m.–3:00 p.m. Posters Display, *Capitol Rotunda*

11:30 a.m.–12:00 p.m. Posters in the Rotunda, *Capitol Rotunda*

Speakers:

Kevin P. Reilly, *President*, University of Wisconsin System

Matthew Groshek, *Student*, UW-LaCrosse

Tim Murray '02, UW-Platteville

Thank you to our Legislative hosts:

Senator Dan Kapanke (R-LaCrosse)

Representative Jennifer Shilling (D-LaCrosse)

FROM THE PRESIDENT



Dear Education Partner:

The University of Wisconsin System salutes its newest generation of innovative thinkers at “Posters in the Rotunda: A Celebration of Undergraduate Research.”

At each of our 26 campuses, undergraduate researchers are advancing the storied Wisconsin Idea as they join with faculty mentors in the scholarship of scientific discovery.

Chawntou Yang, a UW-River Falls student, had this to say about his undergraduate research experience under the direction of faculty mentor, Dr. Timothy Lyden:

“I want to understand the world we live in and explore the unknown. I think it is very exciting to pioneer through uncharted knowledge. It was not until I had a course at UW-River Falls — Animal Cell Culture, with Dr. Lyden — that I realized this focus of biology is what I want to study for my career... This experience taught me how to be able to grow and learn from early mistakes and plan accordingly to maintain a well-organized research project.”

It is no accident that the UW System’s strategic plan recognizes the importance of undergraduate research to the learning process. These programs prepare students for the rigors of graduate school and the high-tech job market. They also help attract high-quality faculty to our state, as well as federal and private research funding. In these trying times, all of this serves to stimulate a vibrant research culture that supports new jobs and existing Wisconsin businesses alike.

We extend our sincere appreciation to those who made this event possible, and offer special thanks to Wisconsin’s elected representatives for their participation and support.

Congratulations to our UW System faculty, staff, proud families, and community supporters. Most important, we congratulate our talented students, whose work represents a unique component of the UW System’s research enterprise. In supporting their endeavors, we invest in Wisconsin’s future success.

Cordially,

A handwritten signature in black ink that reads "Kevin P. Reilly". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Kevin P. Reilly
President
University of Wisconsin System

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Chancellor Chuck Sorensen
University of Wisconsin-Stout
Chancellor Julius Erlenbach
University of Wisconsin-Superior
Interim Chancellor Richard Telfer
University of Wisconsin-Whitewater

STUDENT PRESENTERS: by UW Institution (*Faculty Advisor)

Poster/Name	Institution	Hometown
University of Wisconsin Colleges:		
1 Caleb Vozz	UW-Fox Valley	Appleton
1 *Dr. Julie Konik	UW-Fox Valley	Appleton
2 Porscha Carriveau	UW-Fox Valley	Little Chute
2 *Kathy Immel	UW-Fox Valley	Appleton
3 Sarah Behling	UW-Fox Valley	
3 *Martin Rudd	UW-Fox Valley	Menasha
4 Russ Clayton	UW-Fox Valley	
4 Wesley Collier	UW-Fox Valley	
5 Karen Garcia	UW-Fox Valley	Appleton
6 Katie Tuyls	UW-Fox Valley	Sherwood
6 *Tammy Ladwig	UW-Fox Valley	Neenah
7 Courtney Losser	UW-Fox Valley	Appleton
7 Doug Hinz	UW-Fox Valley	Hilbert
7 *Terri Gonya	UW-Fox Valley	Neenah
8 Heidi Beilke	UW-Manitowoc	Manitowoc
8 Anthony Guglielmo	UW-Manitowoc	Two Rivers
8 Ryan Mooneyham	UW-Manitowoc	Whitelaw
8 *Dr. Richard Hein	UW-Manitowoc	Reedsville
9 Andrew Killeen	UW-Washington County	Slinger
9 Adam Roehl	UW-Washington County	West Bend
9 Michael Stecker	UW-Washington County	Cedarburg
9 *Mohemed Ayoub	UW-Washington County	West Bend
10 Katherine Nelson	UW-Waukesha	Big Bend
10 *Paul Zillgit	UW-Waukesha	Colgate
11 Amanda Verriden	UW-Eau Claire	Green Bay
12 Touger Thou	UW-Eau Claire	Eau Claire
13 Sarah Peterson	UW-Eau Claire	Eau Claire
13 Robyn Fennig	UW-Eau Claire	Muskego
14 Heather Nichols	UW-Eau Claire	Pittsville
15 Amber Jamelske	UW-Eau Claire	Eau Claire
15 Beth Lutz	UW-Eau Claire	Eau Claire
15 Ellie Lutz	UW-Eau Claire	Eau Claire
15 William Hendricks	UW-Eau Claire	Mound, MN
15 *Dr. Eric Jamelske	UW-Eau Claire	
15 *Dr. Lori Bica	UW-Eau Claire	

STUDENT PRESENTERS: by UW Institution (*Faculty Advisor)

Poster/Name	Institution	Hometown
16 Nicholas King	UW-Eau Claire	La Crosse
16 Amy Wichlacz	UW-Eau Claire	Deerfield
17 Angela Nieman	UW-Eau Claire	Greenfield
18 Rebecca Davenport	UW-Green Bay	Portage
19 Amanda Heintskill	UW-Green Bay	Thiensville
20 Kari Petrashek	UW-Green Bay	Two Rivers
21 Elizabeth Eowyn Waibel	UW-Green Bay	Green Bay
22 Ryan VandeYacht	UW-Green Bay	Green Bay
22 Andrew Flick	UW-Green Bay	Green Bay
23 Scott Gratz	UW-La Crosse	Monroe
24 Jake Benrund	UW-La Crosse	Onalaska
24 Bridget Kohlhofer	UW-La Crosse	Neillsville
24 *Scott Cooper	UW-La Crosse	Holmen
25 Kellian Blazek	UW-La Crosse	Bangor
26 Valentine Sackmann	UW-La Crosse	Medford
26 James Singer	UW-La Crosse	
27 Alex Kaul	UW-La Crosse	Madison
27 Renee Losey	UW-La Crosse	
28 Matthew Groshek	UW-La Crosse	
28 *Meredith Thomsen	UW-La Crosse	
29 Jessica Connor	UW-Madison	Deerfield
29 Sarah Sanchez	UW-Madison	Milwaukee
29 Joshua Shapiro	UW-Madison	Belleville
29 Dee Cee Xiong	UW-Madison	Schofield
29 *Sharon Younkin	UW-Madison	Madison
30 Ashwini Bharatkumar	UW-Madison	Brookfield
30 Steven Olikara	UW-Madison	Brookfield
30 *Jessica Guo	UW-Madison	Madison
31 Erin Conrad	UW-Madison	Eden Prairie, MN
31 *Martin Zanni	UW-Madison	Madison
32 Katie Egan	UW-Madison	Hazel Green
32 *Megan Moreno	UW-Madison	Madison
33 Maichou Lor	UW-Madison	Madison
33 *Susan Riesch	UW-Madison	Madison
34 Adam Maus	UW-Madison	Slinger
34 *J. Clinton Sprott	UW-Madison	Madison
35 Jina Mendel	UW-Madison	

STUDENT PRESENTERS: by UW Institution (*Faculty Advisor)

Poster/Name	Institution	Hometown
35 Kelli Skatter	UW-Madison	
35 *Debra Holschun-Houden	UW-Madison	Madison
36 Palak Shah	UW-Madison	Darien
36 *James Thomson	UW-Madison	Madison
36 *Mitchell Probasco	UW-Madison	Madison
37 David Nelson	UW-Madison	Madison
38 Claire Rydell	UW-Madison	Bozeman, MT
39 Ryan Goetz	UW-Milwaukee	West Allis
39 Alyssa Hartson	UW-Milwaukee	Milwaukee
39 *Mai Phillips	UW-Milwaukee	Milwaukee
40 Omar Mehtab	UW-Milwaukee	Milwaukee
41 Vai Lor	UW-Oshkosh	Oshkosh
42 Pa Nhia Lee	UW-Oshkosh	Oshkosh
43 Aaryn Mustoe	UW-Oshkosh	Oshkosh
44 Jacob Pichelmeyer	UW-Oshkosh	Oshkosh
45 Jason Busse	UW-Oshkosh	Appleton
46 Ryan Schuh	UW-Oshkosh	Cascade
46 *Dr. Arlene Haffa	UW-Oshkosh	Oshkosh
47 Nathan Schneiderman	UW-Parkside	Kenosha
47 *Dr. Maria MacWilliams	UW-Parkside	Kenosha
48 Janell Topczewski	UW-Parkside	Racine
49 Alexis Dahms	UW-Parkside	Kenosha
50 Thomas Wachholder	UW-Parkside	Salem
50 *Dr. John Ward	UW-Parkside	Kenosha
51 Megan Burke	UW-Parkside	Antioch, IL
51 *Dr. Mary Kay Schleiter	UW-Parkside	Salem
51 Martel Pipkins	UW-Parkside	Kenosha
51 Ryan Moore	UW-Parkside	Brown Deer
52 Monica Langley	UW-Parkside	Kenosha
53 Dave Bojanowski	UW-Parkside	Menomonee Falls
53 *Dr. Carmel Ruffalo	UW-Parkside	Kenosha
54 Kelly Bratkowski	UW-Platteville	New Berlin
55 Vanessa Glatt	UW-Platteville	Green Bay
56 Brittani Leibfried	UW-Platteville	Potosi
56 Carsten Carlsen	UW-Platteville	Madison
57 Jennifer Kopsiske	UW-Platteville	Appleton
57 *Michael Ruane	UW-Platteville	Platteville

STUDENT PRESENTERS: by UW Institution (*Faculty Advisor)

Poster/Name	Institution	Hometown
58 Amanda Liesch	UW-River Falls	Freedom
59 Amy Robak	UW-River Falls	Oak Park, MN
60 Leah Adams	UW-River Falls	Boyceville
61 Victor Piazza	UW-River Falls	River Falls
61 Paige Sams	UW-River Falls	River Falls
62 Paige Sams	UW-River Falls	River Falls
62 Chawntou Yang	UW-River Falls	Sun Prairie
63 Steven Tallsness	UW-River Falls	Hudson
63 Amber Klindworth	UW-River Falls	Zumbroat, MN
63 Jordan McIntyre	UW-River Falls	Grand Forks, ND
63 Danae Helton	UW-River Falls	River Falls
63 Paige Sams	UW-River Falls	River Falls
64 Steven Tallsness	UW-River Falls	Hudson
64 Chris Wenig	UW-River Falls	
64 Travis Cordie	UW-River Falls	
64 Rebecca Cote	UW-River Falls	
65 Luke Score	UW-River Falls	River Falls
*Tim Lyden (61-65)	UW-River Falls	River Falls
66 John Mumm	UW-Stevens Point	
67 Andrew VanNatta	UW-Stevens Point	
68 Katherine Becker	UW-Stevens Point	
68 Lisa Rubow	UW-Stevens Point	
68 Jenna Semling	UW-Stevens Point	
68 Debra Simmerman	UW-Stevens Point	
69 Aaron Cochran	UW-Stout	
69 Jacob Ferina	UW-Stout (MATC)	
70 Jennifer Ehrmantraut	UW-Stout	
71 Elbek Kurbanov	UW-Stout	
72 Jane Salazar	UW-Stout	
72 Jessica Padellford	UW-Stout	
73 Sarah Huckaby	UW-Stout	
73 Andrew Nordstrom	UW-Stout	
73 David Westmark	UW-Stout	
74 Ashley Dillon	UW-Stout	
74 Cassey Haase	UW-Stout	
75 Seth Reda	UW-Superior	Superior
75 Sandrine Omog	UW-Superior	Superior

STUDENT PRESENTERS: by UW Institution (*Faculty Advisor)

Poster/Name	Institution	Hometown	
76	Patrice Stalvig	UW-Superior	Superior
77	Elisa Stoiss-Baker	UW-Superior	Superior
78	Elisa Stoiss-Baker	UW-Superior	Superior
78	Nicole Severson	UW-Superior	Moreno Valley, CA
79	Alyssa Anderson	UW-Superior	
79	Nathaniel Mikle	UW-Superior	
79	Peter Moeri	UW-Superior	
79	Brad Peot	UW-Superior	
79	Ian Schoenike	UW-Superior	
79	Kurt Zeman	UW-Superior	Superior
79	Elisa Stoiss-Baker	UW-Superior	Superior
79	Nicole Severson	UW-Superior	Moreno Valley, CA
80	Brad Peot	UW-Superior	Luxemburg
80	Andrew Bach	UW-Superior	South Range
	*Richard Stewart (75-80)	UW-Superior	Superior
81	Donn Edwards	UW-Whitewater	Bassett
81	*Dr. Elizabeth Harray	UW-Whitewater	Whitewater
82	Jennifer Salemme	UW-Whitewater	Whitewater
83	Naomi Szpot	UW-Whitewater	East Troy
84	Jared Kunick	UW-Whitewater	Mukwonago
84	*Dr. Paul House	UW-Whitewater	Whitewater
85	Jessica Solis	UW-Whitewater	Mukwonago
86	Katherine Shanahan	UW-Whitewater	Fort Atkinson
86	*Dr. Elena Bertozzi	UW-Whitewater	Whitewater

STUDENT PRESENTERS: by Wisconsin Legislative district

District	Senate/House	Student Presenter	Institution	Poster
1	3	Porscha Carriveau	UW-Fox Valley	2
1	3	*Kathy Immel	UW-Fox Valley	2
1	3	Katie Tuyls	UW-Fox Valley	6
1	3	Doug Hinz	UW-Fox Valley	7
1	2	Anthony Guglielmo	UW-Manitowoc	8
1	2	Ryan Mooneyham	UW-Manitowoc	8
1	2	Amanda Verriden	UW-Eau Claire	11
1	2	Kari Petrashek	UW-Green Bay	20
2	5	Amanda Liesch	UW-River Falls	58
3	7	Angela Nieman	UW-Eau Claire	17
4	10	Alyssa Hartson	UW-Milwaukee	39
5	14	Ryan Goetz	UW-Milwaukee	39
7	19	Omar Mehtab	UW-Milwaukee	40
8	24	*Paul Zillgit	UW-Waukesha	10
8	23	Amanda Heintskill	UW-Green Bay	19
8	24	Dave Bojanowski	UW-Parkside	53
8	23	Ryan Moore	UW-Parkside	51
8	22	*Mai Phillips	UW-Milwaukee	39
9	25	Heidi Beilke	UW-Manitowoc	8
9	25	*Dr. Richard Hein	UW-Manitowoc	8
10	30	Victor Piazza	UW-River Falls	61
10	30	Paige Sams	UW-River Falls	61
10	30	Steven Tallsness	UW-River Falls	63
10	30	Danae Helton	UW-River Falls	63
10	30	Luke Score	UW-River Falls	65
11	32	Palak Shah	UW-Madison	36
13	37	Amy Wichlacz	UW-Eau Claire	16
13	37	Jessica Connor	UW-Madison	29
14	42	Rebecca Davenport	UW-Green Bay	18
15	43	*Dr. Elizabeth Harray	UW-Whitewater	81
15	43	Jennifer Salemme	UW-Whitewater	82
15	43	*Dr. Elena Bertozzi	UW-Whitewater	86
16	48	Carsten Carlsen	UW-Platteville	56
16	46	Chawntou Yang	UW-River Falls	62
17	49	Katie Egan	UW-Madison	32
17	49	Brittani Leibfried	UW-Platteville	56
18	54	Vai Lor	UW-Oshkosh	33

STUDENT PRESENTERS: by Wisconsin Legislative district

District		Student Presenter	Institution	Poster
Senate/House				
18	54	Pa Nhia Lee	UW-Oshkosh	42
18	54	Aaryn Mustoe	UW-Oshkosh	43
18	54	Jacob Pichelmeyer	UW-Oshkosh	45
18	54	*Dr. Arlene Haffa	UW-Oshkosh	46
19	57	Caleb Vozz	UW-Fox Valley	1
19	57	*Dr. Julie Konik	UW-Fox Valley	1
19	55	*Tammy Ladwig	UW-Fox Valley	6
19	57	Courtney Losser	UW-Fox Valley	7
19	55	*Terri Gonya	UW-Fox Valley	7
19	57	Jason Busse	UW-Oshkosh	45
19	57	Jennifer Kopiske	UW-Platteville	57
20	58	Andrew Killeen	UW-Washington County	9
20	58	Adam Roehl	UW-Washington County	9
20	60	Michael Stecker	UW-Washington County	9
20	58	*Mohemed Ayoub	UW-Washington County	9
20	58	Adam Maus	UW-Madison	34
20	59	Ryan Schuh	UW-Oshkosh	46
21	63	Janell Topczewski	UW-Parkside	48
22	64	Nathan Schneiderman	UW-Parkside	47
22	64	*Dr. Maria MacWilliams	UW-Parkside	47
22	64	Alexis Dahms	UW-Parkside	49
22	66	Thomas Wachholder	UW-Parkside	50
22	64	*Dr. John Ward	UW-Parkside	50
22	66	*Dr. Mary Kay Schleiter	UW-Parkside	51
22	64	Monica Langley	UW-Parkside	52
22	64	*Dr. Carmel Ruffalo	UW-Parkside	53
22	64	Martel Pipkins	UW-Parkside	51
22	66	Donn Edwards	UW-Whitewater	81
23	69	Bridget Kohlhofer	UW-La Crosse	24
23	67	Leah Adams	UW-River Falls	61
24	70	Heather Nichols	UW-Eau Claire	14
25	73	Seth Reda	UW-Superior	75
25	73	Sandrine Omog	UW-Superior	75
25	73	Patrice Stalvig	UW-Superior	76
25	73	Elisa Stoiss-Baker	UW-Superior	77
25	73	Alyssa Anderson	UW-Superior	79
25	73	Nathaniel Mickle	UW-Superior	79

STUDENT PRESENTERS: by Wisconsin Legislative district

District		Student Presenter	Institution	Poster
Senate/House				
25	73	Peter Moeri	UW-Superior	79
25	73	Brad Peot	UW-Superior	79
25	73	Ian Schoenike	UW-Superior	79
25	73	Kurt Zeman	UW-Superior	79
27	80	Scott Gratz	UW-La Crosse	23
27	81	Alex Kaul	UW-La Crosse	27
27	80	Joshua Shapiro	UW-Madison	29
28	83	Katherine Nelson	UW-Waukesha	10
28	83	Robyn Fennig	UW-Eau Claire	13
28	84	Kelly Bratkowski	UW-Platteville	54
28	83	Naomi Szpot	UW-Whitewater	83
28	83	Jared Kunick	UW-Whitewater	84
28	83	Jessica Solis	UW-Whitewater	85
29	87	Valentine Sackmann	UW-La Crosse	26
29	85	Dee Cee Xiong	UW-Madison	29
30	88	Vanessa Glatt	UW-Platteville	55
31	93	Touger Thou	UW-Eau Claire	12
31	93	Sarah Peterson	UW-Eau Claire	13
31	93	Amber Jamelske	UW-Eau Claire	15
31	93	Beth Lutz	UW-Eau Claire	15
31	93	Ellie Lutz	UW-Eau Claire	15
32	94	Nicholas King	UW-Eau Claire	16
32	94	Jake Benrund	UW-La Crosse	24
32	94	Kellian Blazek	UW-La Crosse	25
32	94	*Scott Cooper	UW-La Crosse	24

The 2009 annual "Posters in the Rotunda"
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