

February 2009

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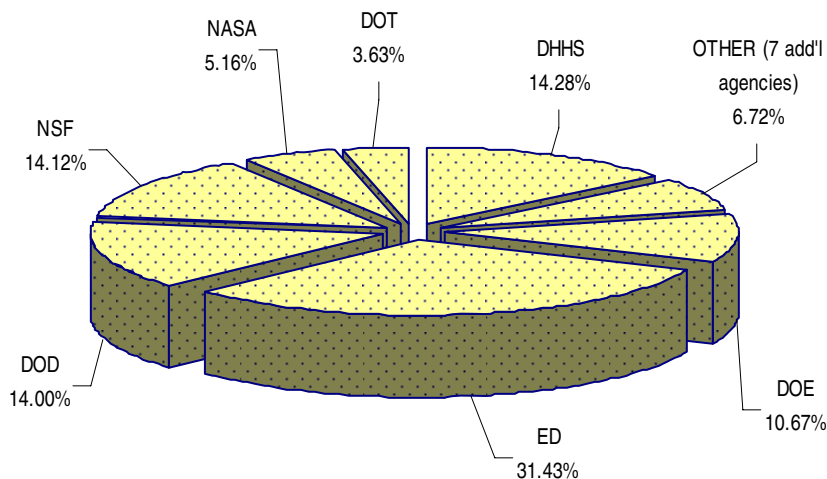
YEAR-TO-DATE SUMMARY
July 1, 2008 through February 28, 2009

	AWARD DOLLARS				AWARD NUMBERS			
	UA ONLY	UARF	TOTAL	(% Change)	UA ONLY	UARF	TOTAL	(% Change)
2008-2009	\$33,008,754	\$2,581,465	\$35,590,219	(+27.9%)	243	43	286	(-14.3%)
2007-2008	\$26,170,657	\$1,659,911	\$27,830,568		291	43	334	

	PROPOSAL DOLLARS				PROPOSAL NUMBERS			
	UA ONLY	UARF	TOTAL	(% Change)	UA ONLY	UARF	TOTAL	(% Change)
2008-2009	\$68,538,049	\$3,053,858	\$71,591,907	(-44.4%)	376	53	429	(-4.6%)
2007-2008	\$123,871,112	\$4,880,826	\$128,751,938		393	57	450	

UARF Licensing Revenue Received To-Date: \$207,092

2008-09 Federal Awards – Year-To-Date



Federal Awards (73)

2008-09	\$12,604,354 (+8.2%)
2007-08	\$11,647,792

Federal Proposals (174)

2008-09	\$41,455,355 (-6.1%)
2007-08	\$44,138,087

February 2009

Office of Research Services and Sponsored Programs

Research and Sponsored Programs Activity By College

Awards	February 2009 Current Period		2008-2009 Year-To-Date		2007-2008 Year-To-Date	
	Count	Amount	Count	Amount	Count	Amount
Arts & Sciences	5	\$229,336	98	\$6,781,131	100	\$5,298,393
Business Admin	0	\$0	2	\$11,093	5	\$17,965
Education	1	\$22,486	14	\$3,133,584	22	\$9,961,000
Engineering	5	\$79,698	49	\$11,851,999	63	\$4,482,705
Fine & Applied Arts	1	\$15,000	26	\$358,886	25	\$792,082
Nursing	1	\$15,000	3	\$526,877	8	\$651,017
Poly Sci & Poly Engr	4	\$4,839,210	39	\$7,308,316	47	\$3,058,674
Honors	0	\$0	1	\$5,000	1	\$5,000
Law	1	\$22,000	2	\$58,000	0	\$0
Summit College	0	\$0	15	\$1,074,377	22	\$1,500,444
University College	0	\$0	1	\$3,000	0	\$0
Wayne College	0	\$0	7	\$68,587	9	\$75,570
Other University Units	1	\$37,479	26	\$2,290,387	32	\$1,059,647
Total Awards	19	\$5,260,209	283	\$33,471,237	334	\$26,902,497
State Appropriations				\$855,002		\$928,071
Grand Total	19	\$5,260,209	283	\$34,326,239	334	\$27,830,568

UARF AWARDS TOTAL	6	\$91,689	43	\$2,581,465	43	\$1,659,911
<i>included in above UA totals</i>	<i>6</i>	<i>\$91,689</i>	<i>40</i>	<i>\$1,317,485</i>		
<i>not included in above UA totals</i>			<i>3</i>	<i>\$1,263,980</i>		

Dept. of Development (included in UA totals)	1	\$55,000
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Proposals	February 2009 Current Period		2008-2009 Year-to-Date		2007-2008 Year-To-Date	
	Count	Amount	Count	Amount	Count	Amount
Arts & Sciences	14	\$2,700,952	145	\$21,279,861	143	\$24,973,095
Business Admin	0	\$0	2	\$11,093	4	\$14,372
Education	1	\$13,140	18	\$2,050,298	27	\$5,891,951
Engineering	16	\$1,782,245	91	\$13,143,087	100	\$30,804,610
Fine & Applied Arts	1	\$15,000	29	\$737,511	24	\$815,794
Nursing	3	\$240,885	12	\$372,895	12	\$144,112
Poly Sci & Poly Engr	20	\$4,618,357	79	\$27,146,678	80	\$34,405,874
Honors	0	\$0	1	\$5,000	1	\$5,000
Law	0	\$0	2	\$58,000	1	\$188,878
Summit College	0	\$0	13	\$732,951	17	\$631,312
University College	0	\$0	3	\$3,000	0	\$0
Wayne College	0	\$0	4	\$324,753	7	\$48,299
Other University Units	1	\$37,479	27	\$4,462,800	34	\$30,828,641
Total Proposals	56	\$9,408,058	426	\$70,327,927	450	\$128,751,938

UARF PROPOSALS TOTAL	8	\$246,863	53	\$3,053,858	57	\$4,880,826
<i>included in above totals</i>	<i>8</i>	<i>\$246,863</i>	<i>50</i>	<i>\$1,789,878</i>		
<i>not included in above totals</i>			<i>3</i>	<i>\$1,263,980</i>		

Dept. of Development (included in UA totals)	1	\$55,000
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The cumulative data contained in this report may differ from the reports provided monthly to the UA Board of Trustees due to database adjustments.
Dept. of Development data reporting begins January 2009

Research and Sponsored Program Awards By College

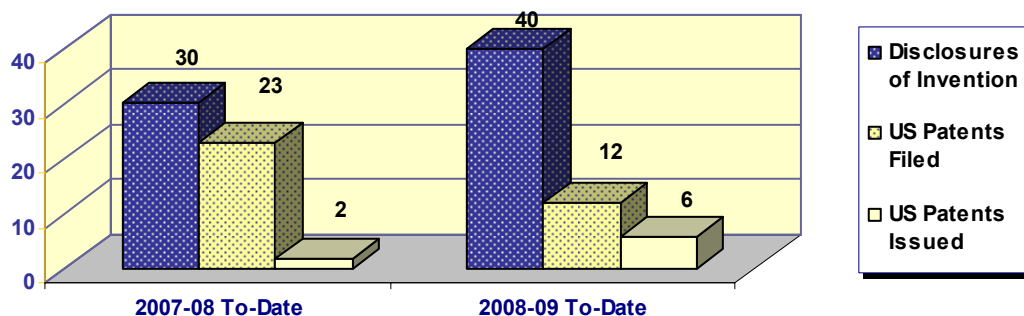
PI's Department <i>Co-PI(s) [Italics]</i>	Sponsor	Project Title	Principal Investigator/ <i>Co-PI(s) [Italics]</i>	Project %	Total Award
BUCHTEL COLLEGE OF ARTS AND SCIENCES					
Biology	U.S. Department of Education through the Ohio Board of Regents #	<i>Drinking Water Issues as a Context for Problem-Based Science Instruction</i>	Hopkins, Jessica M.	40%	\$77,430
<i>Geography and Planning</i>			<i>Donnelly, Shannon</i>	20%	
<i>Curricular and Instructional Studies</i>			<i>Makki, Nidaa</i>	20%	
<i>Civil Engineering</i>			<i>Miller, Christopher M.</i>	20%	
Chemistry	NASA through Clark Atlanta University	<i>Development of Highly Luminescent Polymers and Polymer Composites for Improved Optical Properties</i>	Pang, Yi	100%	\$75,000
Geography and Planning	Davey Resource Group	<i>Student Internship for Beth Lassiter, SP09</i>	Monroe, Charles B.	100%	\$5,774
Psychology	National Institutes of Health	<i>Treatment of PTSD in Recently Battered Women Living in Shelters</i>	Johnson, Dawn M.	100%	\$99,754
Public Administration and Urban Studies	National Science Foundation with FEMA through the University of Colorado	<i>Operational Law in Disasters</i>	Beckett, Julia	50%	\$2,350
<i>Public Administration and Urban Studies</i>			<i>Grant, Nancy K.</i>	50%	
COLLEGE OF EDUCATION					
Sports Science and Wellness Education	USTA Tennis and Education Foundation	<i>Promoting Tennis and Computer Literacy Among Children of Autism</i>	Cai, Sean	100%	\$7,000
COLLEGE OF ENGINEERING					
Biomedical Engineering	IC-Medtech *	<i>Liquid Crystal Biomedics: A Proof of Concept Study (Continued)</i>	Yun, Yang-Hyun	100%	\$5,000
Electrical and Computer Engineering	Rockwell Automation, Inc.	<i>Internship for Daniel Kephart, SP09</i>	Sastry, Shivakumar	100%	\$2,800
Mechanical Engineering	Office of Naval Research	<i>Development of a Stress State Dependent Plasticity and Ductile Fracture Model for Aluminum Structural Reliability Assessments</i>	Gao, Xiaosheng	100%	\$26,000
Mechanical Engineering	US Department of Defense through Universal Technology Corporation	<i>A High Strain Structural Dynamics Testbed for Integrally Bladed Disks</i>	Sawyer, Scott D.	100%	\$20,412
Mechanical Engineering	Materials Modifications, Inc. *	<i>Unrestricted Research for Processing Influences on Microstructural Development, Mechanical Properties and Response of Nanostructured Materials</i>	Srivatsan, Tirumalai S.	100%	\$10,000
COLLEGE OF FINE & APPLIED ARTS					
School of Family and Consumer Sciences	DHHS through Summit-Portage Area Health Education Network	<i>Program for Nutrition Intervention</i>	Taylor, Evelyn Z.	100%	\$15,000
COLLEGE OF NURSING					
College of Nursing	DHHS through Summit-Portage Area Health Education Network	<i>Multidisciplinary Practicum: Serving Minorities in Underserved Area Community Clinics</i>	Mitzel, Annette R.	100%	\$15,000
COLLEGE OF POLYMER SCIENCE AND POLYMER ENGINEERING					
Institute of Polymer Science	Ohio Department of Development through the Ohio State University Research Foundation	<i>Technology-Enabling and Emergent Materials</i>	Cheng, Stephen Z.	100%	\$4,800,000
Institute of Polymer Science	Multiple Funding Sources *	<i>Testing, February 2009</i>	Seiple, Robert	100%	\$8,685
Institute of Polymer Engineering	US Department of Defense through General Dynamics Information Technology *	<i>Enhancing Peptide Recognition at Structured Inorganic Surfaces using Atomistic and Simplified Models</i>	Heinz, Hendrik	100%	\$30,000
Institute of Polymer Engineering	Multiple Funding Sources *	<i>Testing, February 2009</i>	Holtman, Mark	100%	\$525
SCHOOL OF LAW					
School of Law	Summit County	<i>Summit County Inmate Assistance Program, FY2009</i>	Carro, J Dean	100%	\$22,000
OTHER UNIVERSITY UNITS					
Technology Transfer	Chemetal *	<i>Materials Investigation Research</i>	Preston, Kenneth	100%	\$37,479

* University of Akron Research Foundation Award

Interdisciplinary Award

February 2009

Office of Technology Transfer



Disclosures of Invention

(February 2009:5)

Disclosure Number	Title	Inventor(s)
786	<i>Wireless Pack Management</i>	Tom Hartley
787	<i>Blade Deicing</i>	Rudolph Scavuzzo and Fred Kat-Chung Choy
788	<i>Contact Lens for Noninvasive Sensing</i>	Jun Hu
789	<i>Plastic Bio-artificial Pancreas</i>	Mukerrem Cakmak, Joseph Kennedy, and Baris Yalcin
790	<i>Methods and Systems for the Simulation of Solution Properties of Poly(ethylene oxide) and Related Polymers</i>	Hendrik Heinz

Patents Filed

(February 2009: 0)

Disclosure Number	Application Type	Patent Title	Inventor(s)
<i>No new patent applications were filed by The University of Akron during February 2009.</i>			

Patents Issued

(February 2009: 1)

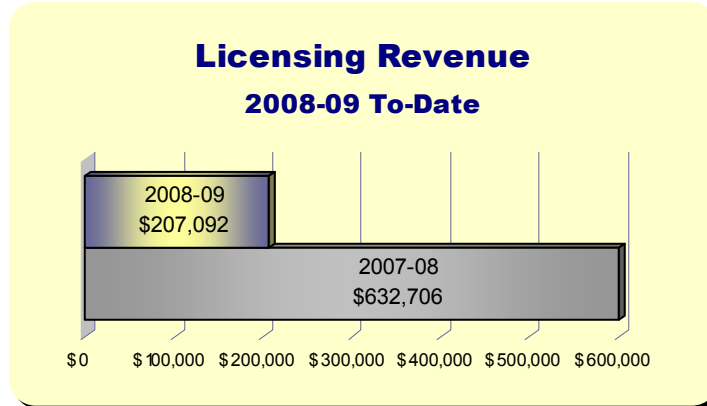
U.S. Patent No.	Issue Date	Patent Title	Inventor(s)
7,489,107	Feb. 10, 2009	<i>Optimal Battery Charging for Damage Mitigation</i>	Tom Hartley and Carl Lorenzo



**LICENSING
REVENUE**

For the month of:
February 2009: \$9,592
February 2008: \$333,830

Year-To-Date: -67.3%



AWARDS

PI's Department <i>Co-PI(s) Dept's [Italics]</i>	Sponsor	Project Title	Principal Investigator/ <i>Co-PI(s) [Italics]</i>	Project %	Total Award
COLLEGE OF ENGINEERING					
Biomedical Engineering	IC-Medtech	<i>Liquid Crystal Biomedics: A Proof of Concept Study (Continued)</i>	Yun, Yang-Hyun	100%	\$5,000
Mechanical Engineering	Materials Modifications, Inc.	<i>Unrestricted Research for Processing Influences on Microstructural Development, Mechanical Properties and Response of Nanostructured Materials</i>	Srivatsan, Tirumalai S.	100%	\$10,000
COLLEGE OF POLYMER SCIENCE AND POLYMER ENGINEERING					
Institute of Polymer Science	Multiple Funding Sources	<i>Testing, February 2009</i>	Seiple, Robert	100%	\$8,685
Institute of Polymer Engineering	US Department of Defense through General Dynamics Information Technology	<i>Enhancing Peptide Recognition at Structured Inorganic Surfaces using Atomistic and Simplified Models</i>	Heinz, Hendrik	100%	\$30,000
Institute of Polymer Engineering	Multiple Funding Sources	<i>Testing, February 2009</i>	Holtman, Mark	100%	\$525
OTHER UNIVERSITY UNITS					
Technology Transfer	Chemetail	<i>Materials Investigation Research</i>	Preston, Kenneth	100%	\$37,479

LICENSE ACTIVITY

Denki Kagaku Kogyo Kabushiki Kaisha (DENKA)

James L. White

Denki Kagaku Kogyo Kabushiki Kaisha (DENKA) and the University of Akron Research Foundation (UARF) recently entered into a non-exclusive/end user agreement involving the Akro-Co-Twin Screw Extruder software. The agreement provides for a **\$19,500 upfront payment**, a **\$2000 maintenance fee for 2009**, and a **\$3,000 maintenance fee for each subsequent calendar year**. Royalties owed to inventor, Dr. James L. White, will be deposited into a research account to further develop the technology.