

# UNDERGRADUATE RESEARCH DAY

for those wishing to excel in scholarly and creative enterprises outside of their classes

MARCH 13, 2013



## ARTS AND COMMUNICATIONS

**A PAPERLESS STAGE MANAGER: TOURING IN THE 21ST CENTURY**  
Student(s): Alexis Strullmyer  
Mentor(s): Jim Butchart

**BRASS CHAMBER MUSIC AS A WAY TO REBUILD MUSIC PROGRAMS**  
Student(s): Bryan Douglas, Anna Molloy, Riley Roberson, Kevin Rhodes, Bianca Kue  
Mentor(s): Michael Dugan

**CHAINMAIL AS MODERN ARMOR**  
Student(s): Nelia Ron  
Mentor(s): Teresa Faris

**COMMUNICATION APPREHENSION AND COLLEGE ADJUSTMENT: AN EVALUATION OF STUDENTS AND STUDENT ATHLETES**  
Student(s): Meghan Cassidy  
Mentor(s): Ray Baus

**COMMUNITY ENRICHMENT THROUGH MUSIC AND THEATRE**  
Student(s): Jamie Hallenberger  
Mentor(s): Barbara Grubel

**CONVENTIONS OF OBSERVATION AND ITS APPLICATION TO FIGURATIVE PAINTING**  
Student(s): Zachery Mannars  
Mentor(s): Micheal Banning

**COSTUME DESIGNER: THE BACCHAE OF EURIPEDES**  
Student(s): Tiffany N Tresemer  
Mentor(s): Jim Butchart

**CROSSING THE CULTURAL BARRIERS WITH AUTHENTIC MUSIC: SURVEY OF CHINESE CHILDREN'S MUSIC USED IN AMERICAN ELEMENTARY SCHOOLS AND SCHOOLS IN THE REPUBLIC OF CHINA**  
Student(s): Kristina Neumann  
Mentor(s): Alena Holmes

**CUBIC FEET**  
Student(s): Franceszka Lesniak  
Mentor(s): Barbara Grubel

**ENAMELING COPPER MESH: EXPERIMENTATIONS WITH STRUCTURE AND DECORATION**  
Student(s): Kelley Morrison  
Mentor(s): Teresa Faris

**EXPLORING THE USE OF LASER PRINTED IMAGERY AND OTHER SURFACE EMBELLISHMENTS ON CERAMIC VESSEL FORMS**  
Student(s): Paul Boland  
Mentor(s): Jared Janovec

**EXPLORING WORKS WRITTEN FOR SAXOPHONE AND PERCUSSION**  
Student(s): Nicole Helling, Andrew Baldwin  
Mentor(s): Matthew Sintchak

**FROM A DISTANCE: A DIALECTICAL AND CULTURAL APPROACH TO UNDERSTANDING HOW YOUNG ADULTS MAINTAIN FAMILY RELATIONSHIPS WHEN SEPARATED**  
Student(s): Heather Bughman  
Mentor(s): Barbara Penington

**GLOBAL FARE: REANIMATING AWARENESS FOR UNDERNOURISHMENT IN DEVELOPING COUNTRIES**  
Student(s): Kelby Shaw  
Mentor(s): Renee Melton, Jared Janovec

**HONORARY MEDALS**  
Student(s): Austin Lloyd  
Mentor(s): Teresa Faris

**INVESTIGATING THE SAXOPHONE THROUGH WOMEN COMPOSERS OF SAXOPHONE QUARTET LITERATURE**  
Student(s): Zach Laituri, Nicole Helling, Breeslyn Jacobus, Emily VanWeen  
Mentor(s): Matthew Sintchak

**KACTF UNDERGRADUATE MAKEUP DESIGN: A YEAR WITH FROG AND TOAD**  
Student(s): Claire L Kinder  
Mentor(s): Tracey Lyons

**LIGHTING THE STAGE: CREATING REALISTIC LOOKS THROUGH LIGHTING**  
Student(s): Sean Jensen  
Mentor(s): Steve Chene

**MAKEUP DESIGNER: A YEAR WITH FROG AND TOAD**  
Student(s): Tiffany N Tresemer  
Mentor(s): Jim Butchart

**NO IFS, ANDS OR BUTTS**  
Student(s): Mackenzie Nilsen  
Mentor(s): Barbara Grubel

**OBJECT/ IMAGE: LIFE AND MORTALITY**  
Student(s): Rebecca DeVries  
Mentor(s): Bethann Moran

**PINPOINT ARTS AND DESIGN MAGAZINE**  
Student(s): Lauren Endres, Dillon Nelson, Linda Heapes  
Mentor(s): Daniel Kim

**PLAY USED IN CREATIVE DEVELOPMENT OF BASIC FORMS**  
Student(s): Bath Zarden-Benson  
Mentor(s): Andre Ferrella

**PREPARATION, PRACTICE AND PERFORMANCE OF AUDITION MATERIAL**  
Student(s): Aly Ruge, Marcus Cunningham, Jacqueline Dunderdale, Cory Hagen  
Mentor(s): Jim Butchart

**PROMPT BOOK FOR SPIRITS TO ENFORCE**  
Student(s): Kristine L Larimore  
Mentor(s): Jim Butchart

**SCRATCHBOARD STYLIZED VS. REALISTIC**  
Student(s): Katherine Swanson  
Mentor(s): Micheal Banning

**SPIRITS TO ENFORCE: THE TROUBLES OF LIGHTING A SUBMARINE**  
Student(s): Alexis Strullmyer  
Mentor(s): Jim Butchart

**SPRAYED GLAZE DEVELOPMENT ON HIGH FIRE CERAMIC SURFACES**  
Student(s): Kyle Hendrix  
Mentor(s): Jared Janovec

**STAGE MANAGEMENT FOR LOVE'S LABOUR'S LOST**  
Student(s): Kristine Fisher  
Mentor(s): Jim Butchart

**TEXTING AND COGNITIVE LEARNING**  
Student(s): Ashley M Murphy, Lia Donato  
Mentor(s): S-A Welch

**THE CHOREOGRAPHIC PROCESS THROUGH THE EYES OF THE DANCER**  
Student(s): Julia Boarini, Kathleen Casey, Marcus Cunningham, Kylee Flynn, Annie Gleason, Evan Knutson, Emily Kolosso, Molly O'Neill, Makenna Parish-Day, Jessa Patterson, Aislinn Poe, Brienna Schenck, Hailey Schultz, Stephanie Staszak, Deanna Weber, Erica Zacher  
Mentor(s): Barbara Grubel

**THE EFFECTS OF FACEBOOK USE ON SELF-ESTEEM**  
Student(s): Sarah Gruetzmacher, Bianca Hey, Amanda Long  
Mentor(s): S-A Welch

**THE HISTORY AND LEGACY OF MARIMOLIN**  
Student(s): Kimberly Liebergen, Emma McAlister  
Mentor(s): Benjamin Whitcomb

**TRENDS IN INTERGENERATIONAL COMMUNICATION SCHOLARSHIP IN COMMUNICATION RESEARCH JOURNALS, 2003 TO PRESENT**  
Student(s): Jessica Gomez  
Mentor(s): Ray Baus

## BUSINESS AND ECONOMICS

**CLASSROOMS NOT BINDERS - ATTRACTING AND RETAINING WOMEN TO UNDERGRADUATE BUSINESS PROGRAMS**  
Student(s): Crystal Johnson  
Mentor(s): Christina Outlay

**DOES THE GENDER COMPOSITION OF EXECUTIVE BOARDS AFFECT CORPORATE PROFITS?**  
Student(s): Jaeger L Nelson  
Mentor(s): David Welsch

**FED CHALLENGE**  
Student(s): Michael Babington, Quinton Baker, Derrek R Grunfelder-McCrank, Samuel Lisicki, Jaeger Nelson, Jose Zenteno  
Mentor(s): Yamin Ahmad, Stuart Glosser

**INTEGRATED MARKETING COMMUNICATIONS PLAN TO INCREASE ORGAN DONOR REGISTRATION AND ADVOCACY**  
Student(s): Emily Stocks, Austin Durham, Priya Rajani, Dan Becker, Ethan Wilke, John Bukacek, Talia Schultz, Samantha Hoerchner, Emily Gullickson, Jordan Ferry, Benjamin Land, Kaelynn Peters, Kirsten Boos, Ryan Weber  
Mentor(s): Pavan Chennamaneni

**INTERNATIONAL COMMUNICATION QVC [QUALITY AND VALUE CONSENSUS]: STUDENTS' PERCEPTIONS OF EFFECTIVE TEACHERS' COMMUNICATION SKILLS**  
Student(s): Sean VanAacken  
Mentor(s): LaJuan Davis

**MUSIC MOVES ME! A LITERATURE REVIEW EXAMINING THE EFFECTS OF MUSIC CHOICE AND OUTPUT TYPE ON EXERCISE PERFORMANCE**  
Student(s): Kristian Calbert  
Mentor(s): Christina Outlay

**OHIO CHARTER SCHOOLS: A COMPARISON BETWEEN FOR-PROFIT AND NON-PROFIT SCHOOLS**  
Student(s): Corey Kennedy  
Mentor(s): David Welsch

**PSYCHOSOCIAL EFFECTS OF CREDIT CARD DEBT ON COLLEGE UNDERGRADUATE STUDENTS**  
Student(s): Lucretia Limerick  
Mentor(s): Jimmy Peltier

**THE DEMAND FOR SUPERMARKETS IN THE FOOD DESERTS OF RURAL WISCONSIN**  
Student(s): Jeremy Peterson  
Mentor(s): Russell Kashian

**THE EFFECTS OF SOCIAL MEDIA OPTIMIZATION ON RESTAURANT VISITOR TRAFFIC: STOUGHTON, WI**  
Student(s): Charles Copus  
Mentor(s): Roger Yin, Joshua Fishburn

**EDUCATIONAL AND PROFESSIONAL STUDIES**

**A SURVEY STUDY OF MUSCULOSKELETAL DISCOMFORT ASSOCIATED WITH OUTPATIENT SURGERIES**  
Student(s): Garrett Verikas  
Mentor(s): Sang Choi

**COST STRATIFICATION OF HEALTH FOOD: AN ANALYSIS OF LOCATION**  
Student(s): Sarah Hughes  
Mentor(s): Liesl Hohenshell, Jennifer Flad

**THE EFFECTS OF A TWO-TIERED PEER-SENSITIVITY TRAINING ON THE SOCIAL INTERACTIONS BETWEEN ONE ELEMENTARY AGE CHILD WITH AUTISM AND HIS PEERS**  
Student(s): Marissa Mueller  
Mentor(s): Simone DeVore

**THE PORTABLE MUSIC PLAYER LISTENING HABITS OF UW-WHITEWATER STUDENTS**  
Student(s): Keng Moua  
Mentor(s): Scott Bradley

**THE POSITIVE EFFECTS OF AFRICAN AMERICAN TEACHERS ON AFRICAN AMERICAN STUDENTS**  
Student(s): Precious Holmes  
Mentor(s): Julie Minkiel-Lacoque

## LETTERS AND SCIENCES

**A NOVEL BIOINFORMATIC APPROACH TO RECONSTRUCTING THE EVOLUTIONARY HISTORIES OF INFLUENZA STRAINS**  
Student(s): Susan Huss-Lederman  
Mentor(s): Robert Kuzoff

**A SEARCH FOR NEW GALAXIES HIDDEN BEHIND THE PLANE OF THE MILKY WAY**  
Student(s): Ashton Falduto, Loryn Zachariassen, Stephanie Bessler  
Mentor(s): Robert Benjamin

**A SECOND TRAGEDY: THE RE-OBJECTIFICATION OF FREDERICK DROGLASS IN THE LITERARY ANALYSIS OF HIS SLAVE NARRATIVES**  
Student(s): Trisha Massia  
Mentor(s): Trudi Witonsky

**A STUDY OF ORGANIC POLLUTANTS IN WALWORTH COUNTY, WI BODIES OF WATER**  
Student(s): Chunou Xiong  
Mentor(s): Paul House, Dale Splinter

**AN INVESTIGATION OF MID-INFRARED SELECTED STAR CLUSTERS**  
Student(s): Stephanie Bessler  
Mentor(s): Robert Benjamin

**ANALYSIS OF HAIR DNA IN TWO SOIL DEPTHS THROUGH REAL-TIME PCR**  
Student(s): Choua Vang  
Mentor(s): Kirsten Crossgrove

**ARTIFICIAL LAVA FLOWS: IN ART AND SCIENCE**  
Student(s): Ellen Jilek, Ethan Eichstedt-Anderson  
Mentor(s): Juk Bhattacharyya

**ASSESSING METHYLMERCURY IN LARGEMOUTH BASS ANATOMY**  
Student(s): Meng Yang  
Mentor(s): John Ejnik

**BARRIERS PREVENTING MEXICAN IMMIGRANTS FROM PURSUING HIGHER EDUCATION**  
Student(s): Kurstin Mazzoni  
Mentor(s): James Winship

**BIODIVERSITY OF GASTROPODA IN THE MUKWONAGO RIVER, WISCONSIN ALONG A SPATIAL GRADIENT.**  
Student(s): Kristie Hansen  
Mentor(s): Rex Hanger

**CHARACTERIZATION OF DAF-16 ORTHOLOG FROM BRUGIA MALAYI CDNA**  
Student(s): Alexis C.D. Folk  
Mentor(s): Kirsten Crossgrove

**CHARACTERIZATION OF XCRY1, XCRY2, AND XCLOCK GENE EXPRESSIONS IN XENOPAUS LAEVIS EMBRYOS**  
Student(s): Thomas Kerndt  
Mentor(s): Kris Curran

**COMPARING FIELD AND LABORATORY SUBSTRATE PREFERENCES OF PLEUROCID GASTROPODA, ELIMIA LIVESCENS AND PLEUROCERA ACUTA, MUKWONAGO RIVER, WISCONSIN**  
Student(s): Heather Marsch  
Mentor(s): Rex Hanger

**DETERMINING THE EFFECT OF DYE SURFACE MODIFICATION ON INTERACTIONS BETWEEN TITANIUM DIOXIDE (TiO2) NANOPARTICLES AND DNA**  
Student(s): De'Andre Jones  
Mentor(s): Eric Brown

**DEVELOPING DYE MODIFIED TITANIUM DIOXIDE NANOPARTICLES TO PROMOTE STERILIZATION OF SOLID SURFACES USING VISIBLE LIGHT**  
Student(s): Amanda King  
Mentor(s): Eric Brown

**DEVELOPMENT OF JAVA 3D APPLICATIONS TO ASSIST UNDERSTANDING OF PLANT DEVELOPMENT**  
Student(s): Joshua Pomeroy  
Mentor(s): Hien Nguyen, Catherine Chan

**EFFECTS OF ASPIRIN AND CAFFEINE ON A MODEL TERRESTRIAL PLANT, ARABIDOPSIS THALIANA**  
Student(s): Amanda Loch  
Mentor(s): Catherine Chan

**EFFECTS OF BENZOPHENONE ON A MODEL LAND PLANT, ARABIDOPSIS THALIANA**  
Student(s): Milia Mims  
Mentor(s):

**EFFECTS OF CAFFEINE ON FATHEAD MINNOWS (PIMEPHALES PROMELAS)**  
Student(s): Lindsey-Ann Schulte  
Mentor(s): Elisabeth Harrary

**EFFECTS OF EMOTIONAL INTELLIGENCE ON COLLEGE STUDENTS' PERSONALITIES AND MOOD VARIATIONS**  
Student(s): Christopher Manice  
Mentor(s): Carolyn Morgan

**EFFECTS OF HIGH VOLUME PHARMACEUTICALS ON ARABIDOPSIS THALIANA**  
Student(s): Michelle Storage  
Mentor(s): Catherine Chan

**EFFECTS OF PAST TECTONIC EVENTS ON GROUNDWATER FLOW**  
Student(s): Matthew Schmus  
Mentor(s): Juk Bhattacharyya

**EFFECTS OF SURFACE MODIFIED TiO2 ON ARABIDOPSIS THALIANA**  
Student(s): Marie Nider  
Mentor(s): Catherine Chan, Eric Brown

**EFFECTS OF THE ULTRAVIOLET FILTER BENZOPHENONE ON THE GROWTH OF SOY BEAN AND CORN**  
Student(s): Deion Burks  
Mentor(s): Catherine Chan

**EFFECTS OF WASTEWATER TREATMENT PLANT EFFLUENT ON SURVIVAL, GROWTH, AND VITELLOGENIN CONCENTRATIONS OF FATHEAD MINNOWS (PIMEPHALES PROMELAS)**  
Student(s): Lisa Griffin  
Mentor(s): Elisabeth Harrary

**EL NINO SOUTHERN OSCILLATION (ENSO) EFFECTS ON SEVERE WEATHER ACROSS THE CONTIGUOUS UNITED STATES**  
Student(s): Ashley Vedvig  
Mentor(s): John Frye

**EXPLORING MEDICALLY SIGNIFICANT GENOMIC VARIATION IN DIVERSE DEMOGRAPHIC GROUPS**  
Student(s): Alexandra Campanile  
Mentor(s): Robert Kuzoff

**EXPRESSION AND PURIFICATION OF THE A CCL19/21 CHIMERA PROTEIN IN BL21 PREP4 STRAIN OF E. COLI**  
Student(s): Andrew J Phillips, Gary R Chaffee  
Mentor(s): Christopher Veldkamp

**EXPRESSION AND PURIFICATION OF THE C-TERMINUS OF CCL21**  
Student(s): Thomas J. Morien  
Mentor(s): Christopher Veldkamp

## LETTERS AND SCIENCES (CONT.)

**FOLLOWING SWEDEN'S SUCCESS: PROMOTING INTERCULTURAL CITIZENSHIP IN THE UNITED STATES**  
Student(s): Karen Cano  
Mentor(s): Susan Huss-Lederman

**FUNCTIONAL ANALYSIS OF THE BRUGIA MALAYI BM-DAF-16 PROTEIN**  
Student(s): Katherine Stanford  
Mentor(s): Kirsten Crossgrove

**GENETIC VARIATION AND DEVELOPMENT OF AUTISM IN CHILDREN**  
Student(s): Vernelle Trueh  
Mentor(s): Robert Kuzoff

**GREEN WITH ENVY: THE EFFECTS OF SELF DETERMINATION AND REACTANCE ON THE EXPERIENCE OF BENIGN AND MALICIOUS ENVY**  
Student(s): Amanda M Rewoldt  
Mentor(s): Carolyn Morgan

**HIGH SCHOOL CHILDREN'S CONTRIBUTION TO HOUSEWORK: A SOCIOLOGICAL ANALYSIS**  
Student(s): Amanda Engen  
Mentor(s): Akiko Yoshida

**IAGO: SHAKESPEARE'S PSYCHOLOGICAL THRILLER KILLER**  
Student(s): Paulina Rieder  
Mentor(s): Donald Jellerson

**INHIBITION OF Cys2His2 ZINC FINGER PROTEINS WITH Co(III) COMPLEXES**  
Student(s): Alexander Steeno  
Mentor(s): Tulay Atesin

**LABORATORY SAFETY TRAINING WITHIN SECOND LIFE**  
Student(s): Stephanie Patrick  
Mentor(s): Jessica Menke

**OBSERVING DOUBLE-STRANDED DNA DAMAGE IN A CERVICAL CANCER CELL LINE THROUGH THE PHOTOACTIVATION OF DYE-MODIFIED TITANIUM DIOXIDE NANOPARTICLES**  
Student(s): Lanetta Luebke  
Mentor(s): Eric Brown

**MEASURING CRITICAL THINKING SKILLS IN COLLEGE ALGEBRA**  
Student(s): Holly M Petruskas  
Mentor(s): Joan Cook, Fe Evangelista

**MECHANISTIC INVESTIGATION OF NAZAROV CYCLIZATION REACTION CATALYZED BY PALLADIUM(0) COMPLEXES**  
Student(s): Garrett Francis  
Mentor(s): Tulay Atesin

**MIXING TECHNOLOGY WITH NATURE: ICE AGE NATIONAL SCENIC TRAIL MOBILE WEB APPLICATION WITH SOCIAL MEDIA TECHNOLOGIES**  
Student(s): Carina Colon, Kyle J Freeman, Steven K Godding  
Mentor(s): Eric Compas, Peter Jacobs

**MULTISTEP SYNTHESIS OF INTERMEDIATE TOWARD C14-C26 BUILDING BLOCK OF ERIBULIN MESYLATE**  
Student(s): Dustin Olson  
Mentor(s): Hepzibah Kumpaty, Catherine Chan

**NANOCRYSTALLINE MAGNESIUM OXIDE STABILIZED PALLADIUM (0): A HETEROGENEOUS CATALYST AND CYCLIZATION REACTIONS OF INDOLE AND BENZOFURANS**  
Student(s): Adam Bucane  
Mentor(s): Hepzibah Kumpaty, Catherine Chan

**NARROWING THE ACHIEVEMENT GAP BETWEEN LATINO AND NON-LATINO STUDENTS**  
Student(s): Estefania Mora  
Mentor(s): Pilar Melero

**POTENTIAL FOR INSTALLING GROUND SOURCE HEAT PUMPS IN WISCONSIN BASED ON THE URANIUM CONTENT IN GRANITIC ROCKS**  
Student(s): Adam Szafraan  
Mentor(s): Juk Bhattacharyya

**PRODUCING A MODERN EDITION OF A RENAISSANCE PLAY: AN ORAL PRESENTATION**  
Student(s): Grant Francis  
Mentor(s): Donald Jellerson

**RECOVERY OF THE AGGRESSIVE AQUATIC WEED HYDROCYTLE RANUNCULOIDES (FLOATING MARSHPENNYWORT) AFTER HERBICIDE APPLICATION**  
Student(s): Sean Kollmer  
Mentor(s): Nicholas Tippery

**RESCUE OF CAENORHABDITIS ELEGANS DAF-9 WITH BRUGIA MALAYI DAF-9**  
Student(s): Tyler Brown  
Mentor(s): Kirsten Crossgrove

**SOIL ORGANIC CARBON SPATIAL VARIATION FROM LOCAL LAND USE PRACTICES**  
Student(s): Zachary Olson  
Mentor(s): Peter Jacobs

**SULFAMETHOXAZOLE IN SIMULATED WASTEWATER TREATMENT**  
Student(s): Frank DiSilvio  
Mentor(s): Paul House

**TEDDY RUXPIN: A TOY AHEAD OF IT'S TIME**  
Student(s): Eleanor Jacobson  
Mentor(s): Janine Toback

**TESTING D1 DOPAMINE RECEPTORS AND GLUTAMATE EFFECTS ON BRAIN STIMULATION REWARD IN THE NUCLEUS ACCUMBENS**  
Student(s): Ethan Schmid  
Mentor(s): Meg Waraczynski

**TESTING DIFFERENT VARIABLES TO DETERMINE AN OPTICAL IMMUNOHISTOCHEMISTRY (IHC) PROTOCOL FOR DOPAMINE RECEPTORS**  
Student(s): Nathan Johnson  
Mentor(s): Meg Waraczynski

**THE EFFECTS OF ALIZARIN BLUE BLACK B AND OTHER DYES ON THE ABSORPTION OF TITANIUM DIOXIDE**  
Student(s): DAVID J EGGERT  
Mentor(s): Tulay Atesin, Eric Brown, Paul House

**THE EFFECTS OF COMPACT FLUORESCENT LIGHTING (CFL) ON BACTERIAL TREATED TITANIUM DIOXIDE NANOPARTICLES**  
Student(s): Brandon Robinson  
Mentor(s): Eric Brown

**THE EFFECTS OF PACK DENSITY ON TERRITORIAL RESPONSES TO INTRUSION IN THE GRAY WOLF (CANIS LUPUS)**  
Student(s): Sarah Wyrick, Philip Pieper  
Mentor(s): George Clokey, Joshua Kapler

**THE KINEMATICS OF WARM IONIZED GAS IN THE FOURTH GALACTIC QUADRANT**  
Student(s): Martin Gostisha  
Mentor(s): Robert Benjamin

## LETTERS AND SCIENCES (CONT.)

**THE LINK BETWEEN TEACHING SOCIAL WORKERS A PROCESS AND PRACTICE SKILLS**  
Student(s): Kayla Dunning  
Mentor(s): Jeannine Rowe

**THE NATURE AND DISTRIBUTION OF STAR FORMATION IN THE OUTER MILKY WAY GALAXY**  
Student(s): Loryn Zachariassen  
Mentor(s): Robert Benjamin

**THE PARABLE OF SHAKESPEARE'S OTHELLO**  
Student(s): Aubri Moore  
Mentor(s): Donald Jellerson

**THE ROLE WOMEN PLAY IN PATRIARCHAL STRUCTURES IN SHAKESPEARE'S THE WINTER'S TALE**  
Student(s): Elis Petzke  
Mentor(s): Donald Jellerson

**THE STRUGGLES OF AFRICAN AMERICAN WOMEN LIVING WITH HIV/AIDS IN AMERICA**  
Student(s): LaShauna Wint  
Mentor(s): James Levey

**THE SYNTHESIS OF UREAS AS ACE INHIBITORS**  
Student(s): Britny Henderson  
Mentor(s): Hepzibah Kumpaty, Catherine Chan

**TRENDS IN WISCONSIN STREAM FLOW DISCHARGE**  
Student(s): Ron Chester  
Mentor(s): Dale Splinter

**USE OF SNOW TRACKING SURVEYS TO COMPARE GRAY WOLF (CANIS LUPUS) AND COYOTE (CANIS LATRANS) POPULATION DENSITIES IN NORTHERN WISCONSIN**  
Student(s): Kenneth Witt, Nicholas Rudolph, Ryan Jacques, Aaron King  
Mentor(s): George Clokey, Joshua Kapler

**VARIATIONS OF SEVERE WEATHER EVENTS IN THE UNITED STATES BASED ON CHANGES IN THE PHASE AND STRENGTH OF THE NORTH ATLANTIC OSCILLATION**  
Student(s): Alyssa McClain  
Mentor(s): John Frye

**WATER METEERING AND CONSERVATION FOR THE CITY OF WHITEWATER**  
Student(s): Brandon Bockraht  
Mentor(s): Eric Compas



UNIVERSITY OF WISCONSIN  
WHITEWATER