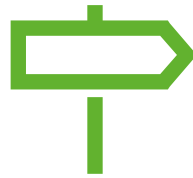


2ND WORLD CONGRESS ON UNDERGRADUATE RESEARCH

Congress Booklet

23—25 MAY 2019





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Wednesday

22
05

8.45 am — 6.15 pm

Social Program

Day Excursions:
Old Cities in Northwest Germany
or the Netherlands



4.00 pm — 8.00 pm

Registration

6.00 pm — 8.00 pm

Welcome Snack



Thursday

23
05

8.00 am — end	Registration	
9.00 am — 9.30 am	Opening Ceremony	
9.30 am — 10.00 am	Congress Photo	
10.00 am — 11.00 am	Keynote Lujendra Ojha	
11.00 am — 11.30 am	Coffee Break	
11.30 am — 1.00 pm	Oral Session 1	page 08
1.00 pm — 2.15 pm	Lunch Break	
2.15 pm — 3.45 pm	Oral Session 2	page 10
3.45 pm — 4.15 pm	Coffee Break	
4.15 pm — 5.15 pm	Poster Session 1	page 12
5.15 pm — 8.00 pm	Get Together	

Oral Session 1 Thursday, 23 May 11.30 am — 1.00 pm

Environment

Hörsaal 2

A14-1-102

Discussant

Judith Pajo

Using Environmental Awareness Clubs to Address Solid Waste Pollution in and Around Township Primary Schools in Motherwell, Port Elizabeth

Abongile Gagaza, Bonisile Gebenga

Nelson Mandela University, South Africa

Waste Recycling Through Ecofriendly Art Techniques

Aisha Al Ahmadi

Zayed University, United Arab Emirates

A Buddhist Perspective on Global Warming – Our Irresistible Fate?

Shimo Sraman

International Buddhist Studies College, Thailand

Health A

Hörsaal 1

A14-1-101

Discussant

Karina Kedzior-De Santis

Online and Face-to-Face Victimization About Appearance: Perpetration, Victimization, Witnessing, and Source as Correlates of Appearance Anxiety

Leah Henderson, Haley Webb,

Melanie Zimmer-Gembeck

Griffith University, Australia

Investigating the Acceptability of Cosmetic Surgeries Among Adults in Abu Dhabi Emirate: A Pilot Study

Dhuha Alwahedi

Zayed University, United Arab Emirates

Developing the Level of Intercultural Competency in the College of Allied Health and Nursing

Sarah Hagar, Rebecca Peterson,

Nicole Stalcar

Minnesota State University Mankato, USA

Health B

Seminarraum 113

A14-1-113

Discussant

Fatme Al Anouti

Psychological Sequelae of Marijuana Intoxication

Vine M. Ikpe, Gboyega E. Abikoye

University of Uyo, Nigeria

Nanoformulated Anandamide Decreases Blood Pressure, Neuro-inflammatory and Oxidative Markers in a Rat Model of Hypertensive Disease

Feres José Mocayar Marón, Virna

Margarita Martín Giménez, Sebastián

García, Diego Enrique Kassuha, Emiliano

Diez, Natalia Prado, Roberto Yunes,

Walter Manucha

Universidad Nacional de Cuyo, Argentina

Oral Session 1 Thursday, 23 May 11.30 am — 1.00 pm

<p>Economy Senatssitzungssaal A14-1-111 Discussant Femi Odebiyi</p>	<p>Earth's Treasures Anna-Lena Mauz, Joshua Senne, Maximilian Schambeck University of Hohenheim, Germany</p>	<p>Determinants of Residential Water Demand in Harar, Ethiopia Daniel Sitota Regassa Haramaya University, Ethiopia</p>	<p>LCC International University Students' Attitudes Towards the Purchase of Counterfeit Products Sara Trajchevska LCC International University, Lithuania</p>
<p>Communication Seminarraum 031 A14-0-031 Discussant Heather King</p>	<p>Addressing the Level of Internet Privacy Awareness in the Emirates Using Data Analytics Shaima Aljneibi, Aysha Alkaabi Zayed University, United Arab Emirates</p>	<p>The Use of Keystroke Dynamics as the Primary Basis of Authentication Kwesi Elliot, Dave Sarran, Lenandlar Singh, Troy Thomas University of Guyana, Guyana</p>	<p>The Mathematics of Bitcoin Christopher Nguyen University of Warwick, United Kingdom</p>
<p>Politics Seminarraum 112 A14-1-112 Discussant John Scott</p>	<p>New Champions for International Rules-Based Order? A Methodological Guide for Emerging Historians Jordan Gray Carleton University, Canada</p>	<p>Hirsch V. Protestant School Board: A Testament to Division in Montreal's Jewish Community, 1920–1930 Olivia Kurajian McGill University, Canada</p>	<p>A Plan to Develop Sustainable Economic, Political and Social Institutions within MENA Dylan McClain University of Arkansas at Monticello, USA</p>
<p>Create Seminarraum 030 A14-0-030 Discussant Elizabeth Sandell</p>	<p>Preparing Scientists with Global Cultural Competency Zachary Koestler, Harrison Wong, Lydia Jagodzinski Minnesota State University Mankato, USA</p>	<p>Education for All: Creating Inter- and Multi-Cultural Connections Henry Paul Sekaayi Makerere University, Uganda</p>	<p>Preparing Teachers for Diverse Classrooms Sean O'Rourke, Tori Smith, Jonathon Arndt Minnesota State University, Mankato, USA</p>

Oral Session 2 Thursday, 23 May 2.15 pm — 3.45 pm

Environment

Hörsaal 2

A14-1-102

Discussant

Haider M. Hamzah

An Examination of Selected Physico-chemical Water Quality Parameters of the Rivers Within the Vicinity of Kaieteur National Park

Benita Davis

University of Guyana, Guyana

Investigating the Level of Microfiber Contamination in Oysters Within the United Arab Emirates

Hind Alriyami

Zayed University, United Arab Emirates

The Air Pollution Menace: A Case Study of Nairobi, Kenya

Kelvinbrian Nyaga

Moi University, Kenya

Health A

Hörsaal 1

A14-1-101

Discussant

Michael Levelink

IoT-Based Fall and ECG Monitoring System

Alhusain Abdalla, Mohamed Gastli,

Lisan Shidqi, Walid Aboueata,

Ayman Al-Kababji, Abdulah Jarouf

Qatar University, Qatar

Robot System for Learning Assistant in Child Therapy

Penpitcha Wanglavan, Wisanu Jutharee

King Mongkut's University of Technology

Thonburi, Thailand

The Efficacy of Virtual Reality Exposure for Blood-Injection-Injury Fearful Individuals

Rebecca Simpson

Griffith University, Australia

Health B

Seminarraum 113

A14-1-113

Discussant

J. Robert Hatherill

Using Big Data to Explore the Gene Expression Patterns to Provide Evidence on Iron Biology in the Human Brain

Seak-Lin Ly, Juan Botia, Samuel Kelsey,

Mina Ryten

University of Newcastle, Australia

Holographic Visualization for Performance of Percutaneous Ablation of Solid Liver Tumors: Translating from Bench to First-In-Human Evaluation

Crew Weunski, Aydan Hanlon,

Sara Al-Nimer, Amelia Chapman

Cleveland Clinic, USA

Vitamin D Status in Relation to Hematological & Iron Indices: Characterizing Anemia of Chronic Inflammation Among Healthy Qatari Young Cohort

Khouled E. Mohamed, Samer H. Ali,

Duaa M. Haggeer, Farah S. Hijazi,

Maryam H. Al-Hitmi, Samah H. Taha,

Hamad K. Al-Sulaiti, Luis F. Kanamori,

Susu M. Zughaier

Qatar University, Qatar

Oral Session 2 Thursday, 23 May 2.15 pm — 3.45 pm

<p>Economy Senatssitzungssaal A14-1-111 Discussant Dana Jackson-Hardwick</p>	<p>The Impact of Women on the STEM Workforce: A Global Perspective Brianna Wright, Starlette Sharp Clark Atlanta University, USA</p>	<p>Older but Wiser? Age and Loss Aversion in Professional Tennis Fajer Almarzooqi Zayed University, United Arab Emirates</p>	<p>The Influence of Corporate Factors and Development Indicators on the Environmental, Social, and Governmental Performance of Companies – An Empirical Analysis Paul Rösler University of Oldenburg, Germany</p>
<p>Communication Seminarraum 031 A14-0-031 Discussant John Chang'ach</p>	<p>A Portable Mobile System for Poultry Farms Brian Semukuye, Samson Sserwadda Makerere University, Uganda</p>	<p>The Role of Radio in Community Mobilization for Sustainable Development in Uganda: A Case Study of Voice of Kigezi Radio in Western Uganda Morris Jatim Uganda Christian University, Uganda</p>	
<p>Politics Seminarraum 112 A14-1-112 Discussant Amani Elshimi</p>	<p>"Annexation or Reunification?" Linguistic Appraisal of German and Russian News Reporting on Crimea Lauren Cassidy University of Kansas, USA</p>	<p>Changing Perspectives: Re-Framing Terrorism in the US (and Global) Media Madia Alfarhan Zayed University, United Arab Emirates</p>	<p>Ethical Questions and Simulative Evaluation of Coping Strategies for Dilemma Situations in the Context of Highly Automated Driving Dominik Grundt University of Oldenburg, Germany</p>
<p>Create Seminarraum 030 A14-0-030 Discussant Colleen Carpenter</p>	<p>Social Phenomena in the Course of Time – A Field Study to Trace Ulrich Jasper Seetzens Observations in 19th Century Constantinople Sophia-Elisa Segler, Marcel Prigge University of Bremen, Germany</p>	<p>The Lexington Camera Club: Zen in the Heart of Middle America Aaron Reynolds University of Kentucky, USA</p>	<p>An Ethnography: The Emirates Riders Club as a Subculture Amani Khalil Al Hosani Zayed University, United Arab Emirates</p>

Poster Session 1 Thursday, 23 May 4.15 pm — 5.15 pm

Environment

Hörsaal 3
A14-1-103

The Correlation Between Daily Tidal Variations and Electrical Conductivity (EC) of Groundwater in Maldives

Aminath Fizna
Maldives National University, Maldives

How Do Algal and Sedimentary Turbidity Affect the Swimming Performance of Emerald Shiner and Golden Shiner in Lake Erie?

Harrison Fried, Andrew Oppliger, Chelsey Nieman
The Ohio State University, USA

Research About the Ability of the Microalgae Chlorella Vulgaris to Remove the Organic Contamination of Wastewater from Hydrothermal Carbonization

Julia Lüttmann
University of Oldenburg, Germany

Potential Effects of Perchlorate Exposure on Wild-Caught Rodents in Yuma County, Arizona, United States

Ashley Menard, Michael Minicozzi, Frank A. von Hippel, Julie Baldwin, Robert Trotter, C. Loren Buck, Amy Chandos, Aubrey Funke
Northern Arizona University, USA

Effects of Mercury Contamination on Microbiome Structure-Function in a Neotropical River: Implications on Aquatic Ecosystem Sustainability and Global Human Health

Ibeth Caceres, Caroline Obkirchner, Santos Guerrero Gonzalez
Sam Houston State University, USA

The Ecological Consequences of Trading and Domesticating Scarlet Macaws

Sohila U. Rabie
The American University in Cairo, Egypt

Visualizing Connectivity of Ecological and Evolutionary Concepts with Network Analysis: An Exploration of Research on Species Rarity

Thomas Wiegand, Braley Gentry, Zachary McCoy, Jared Odell, Holly Odell, Dr. Hope Klug
University of Tennessee at Chattanooga, USA

A Mutant Screen of Smax1Smxl2 to Achieve a Better Understanding of the Karrikin Reception Pathway

Jack Xhemali, Oriana L. Hollingsworth
Mercer University, USA

Poster Session 1 Thursday, 23 May 4.15 pm — 5.15 pm

Health

Hörsaal 3
A14-1-103

Mild Traumatic Brain Injury Increases Vulnerability to Stroke in Mice

Sarthak Shah, Kate Karelina, Ning Zhang, Samuel Nicholson, Julie Fitzgerald, Courtney DeVries, Zachary Weil
The Ohio State University, USA

Identifying Novel Genes in the Ras Pathway

Jacob Farr, Peter Lyon, Molly Josifov, Sathiya Manivannan
The Ohio State University, USA

Screening the Effects of Brain Targeting Compounds on Sensory Behavior and Decision-Making in *C. Elegans*

Nina Scalise, Chase Khedmatgozar, Gareth Harris
California State University - Channel Islands, USA

Molecular Analysis of Calmodulin Mutations Associated with Arrhythmias and Early Onset Sudden Cardiac Death

Ali Al-Maraghi, Sara Alareed, Yasmine Mahgoub, Michail Nomikos, F. Anthony Lai
Qatar University, Qatar

Stretchable Elastic Shape Memory Fibers with Electrical Conductivity

Sungjune Park, Hardil Shah, Neil Baugh, Dishit P. Parekh, Ishan Joshipura, Yubo Ouyang, Michael D. Dickey
NC State University, USA

Characterization and Complete Genome Sequence of a Novel Bacteriophage Infecting a Multiple Antibiotic Resistant Strain of *Enterococcus Faecalis*

Danial Nasr Azadani, Daiyuan Zhang, J. Robert Hatherill, Jeffrey W. Turner
Del Mar College, USA

Ultrasound Elastography Provides a Screening Tool for Human Carotid Plaque Composition

Anna Phillips, Russell Fedewa, Heather Gornik, Sean Lyden, Sheronica James, D. Geoffrey Vince
Cleveland Clinic, USA

Trends of Use of Antiplatelets in Qatar: A Retrospective, Cross Sectional, Descriptive Study

Iqrah Mohammad Qurishi, Sara Yasser Hussein, Shaaban Mohammed, Ahmed Morsi, Amr Fahmi, Moza Al Hail, Hazem Elewa
Qatar University, Qatar

Modeling Human Cancer Gene Interactions in Worms: a *fos-1* Transcription Factor Inhibits Odd-Skipped Gene Expression in *C. Elegans*

Jonathan Rappi
Eastern Connecticut State University, USA

Poster Session 1 Thursday, 23 May 4.15 pm — 5.15 pm

Health

Hörsaal 3
A14-1-103

Investigation of Neuropeptides of the Insulin-like Peptide Families in Mediating Repulsive Cue-dependent Food Leaving

Alexandria Galindo, Gareth Harris
California State University - Channel Islands, USA

A Non-Toxic Approach for Treatment of Breast Cancer and Its Metastases: Capecitabine (Xeloda™) Enhanced Photodynamic Therapy in a Murine Breast Tumor Model

Mukul Govande, Anton Yasinchak, Taylor Bullock, Sanjay Anand, Edward V. Maytin
The Ohio State University, USA

Influence of BRAF V600E Mutation on Papillary Thyroid Carcinoma

Johannes Grone, Navid Tabriz, Verena Uslar, Rolf-Peter Henke
University of Oldenburg, Germany

Do Distinctly Located Caenorhabditis Worm Strains from Various Geographical Locations Show Differences in Sensory-Dependent Decision-Making Behaviors? Different Places, Different Decisions Made!

Renae Ellis, Gareth Harris
California State University, USA

The Effect of ABCB1 Polymorphism on Clopidogrel and MACE Outcomes in Arab Population in Qatar: A Nested Case Control Study

Bassant A Elkattan, Zainab Ali, Hazem Elewa
Qatar University, Qatar

Electronegative Clusters Play an Important Role in the Stability of Proteins

Kenneth Davis
University of Alabama at Birmingham, USA

Evaluation of a Field-Based Porcine Ingredient PCR Assay as an Indicator of Infectious Agent Contamination of Livestock Trailers

Hannah J. Cochran, Jacqueline M. Nolting, Andrew S. Bowman
The Ohio State University, USA

Interleukin-1 Receptor Type 1 Exercises a Critical Role in Neurodegeneration Following Magnetic Nanoparticle-Induced Focal Cerebral Ischemia

Asish Katta, Daniel Nemeth, Ning Quan
The Ohio State University, USA

Poster Session 1 Thursday, 23 May 4.15 pm — 5.15 pm

Economy

Hörsaal 3
A14-1-103

Identity in Project Management

Amina Tagari
Blackpool and the Fylde College, United Kingdom

Making Changing Stick, Realising the Benefits: A Theoretical Explanation of an Observed Organisational Behavior

Christiane Rogerson
Blackpool and the Fylde College, United Kingdom

The Design Flaw: Uncovering Past and Current Issues in Lexington's Low-Income Housing

Ashleigh Cofer
University of Kentucky, USA

Communication

Hörsaal 3
A14-1-103

The Influence of the Irregularity of Language Irregularities

Jelle Kisjes
University of Groningen, Netherlands

Applying Mobile-Based Augmented Reality for Physics Learning in Mechanical Wave Topic

Teerameth Rassameecharoenchai
King Mongkut's University of Technology Thonburi, Thailand

The Development of Interactive Tutorial of Robot Operation Using Mixed Reality

Warachaya Veeranonchai, Bhir Satpretpy, Sirikorn Suwanmalee
King Mongkut's University of Technology Thonburi, Thailand

Tele Operation and Haptic Sensing Feedback for a Robotic Arm

Thakshanth Uthayakumar, Shoumiya Gnanarajah, MRM Rouzin Azar
South Eastern University of Sri Lanka, Sri Lanka

Poster Session 1 Thursday, 23 May 4.15 pm — 5.15 pm

Politics

Hörsaal 3

A14-1-103

Forgiveness After the Genocide in Rwanda: What Religious Narratives Reveal About Agency

Jamie Wise, Hollie Nyseth Brehm
The Ohio State University, USA

How Did It Become Possible for the Korean Rapprochement Process to Intensify in Light of the Winter Olympics 2018?

Magnus L. Jorgensen, Vincent Raske, Andrei C. Paduraru
University of Groningen, Netherlands

How Do Students of Gender Studies and Sports at the University of Göttingen (Re-)Produce Conceptions of Beauty? An Empirical Research on Parameters of Beauty

Raimond Golisch, Vivien Hohberg, Kenneth Kantner, Saskia Krieb, Samira Mummelthey, Leonard Oppermann, Linda Wollert
University of Göttingen, Germany

“Your Hair is as Messed Up as Your Government”: Gender and Personalized Politics on Rachel Notley’s Twitter

Madison Pearson
University of Alberta, Canada

Poster Session 1 Thursday, 23 May 4.15 pm — 5.15 pm

Create

Hörsaal 3
A14-1-103

A Narrative to Live: Questioning Youth Centres' Typology in Egypt

Atheer Ahmed Salama
The American University in Cairo, Egypt

Grandma, Grandpa, How Did you Grow Up Being Deaf? A Student's Exhibition on the Life Stories of Deaf Seniors

Sidonie Hänsch, Franziska Tießen, Benita Pangritz
University of Göttingen, Germany

Correction of Spatialization Issues in Acoumatic Music: Remedying Incompatibility Between SpatGRIS and Logic Pro X

John Levee
Stetson University, USA

Poetas de Hoy – Hispanic American Poetry in Berlin: An Artistic Research Project

Santiago Echeverri, Antonella Lis Vigilante, Nicolas Leon, Maria Marggraf, Justina Matošin, Elena Marina Müller, Zoé Zurawski
Humboldt University of Berlin, Germany

The Influence of Stereotypes on Culture Bearers: Music and Storytelling in Rural Kentucky

Katerina Banks
University of Kentucky, USA

Origins of National News Discrepancies in the United States: A Study of Newspaper Coverage during the Civil Rights Movement in Lexington, Kentucky

Jillian Garcia
University of Kentucky, USA

Friday

24

05

8.00 am — end	Registration	
9.00 am — 10.00 am	Keynote Anne Dippel & Sonia Fizek	
10.00 am — 2.00 pm	Master and Graduate Fair	
11.00 am — 12.30 pm	Oral Session 3	page 20
12.30 pm — 1.45 pm	Lunch Break	
1.45 pm — 2.45 pm	Poster Session 2	page 22
2.45 pm — 5.45 pm	Thematic Sessions	
2.45 pm — 5.45 pm	Poster Session Faculty & Coordinators	page 28
5.45 pm — 6.15 pm	Transfer City Center Departure Time Depends on the Chosen Tour	
6.15 pm — 8.15 pm	Social Program Afternoon Excursion: Oldenburg City Tours Free Time to Explore Oldenburg and Its Culinary Delights See Food and Restaurant Guide on page 54	

Oral Session 3 Friday, 24 May 11.00 am — 12.30 pm

<p>Environment Hörsaal 2 A14-1-102 Discussant Judith Pajo</p>	<p>Characterizing the Biodiversity of Inland and Coastal Sabkhas in the United Arab Emirates Eman Al Messabi Zayed University, United Arab Emirates</p>	<p>Evaluating the Effectiveness of Baa Atoll Biosphere Reserve: Assessment of Beneficiaries and Their Perception Towards Management Fathimath Shazra Mueen Maldives National University, Maldives</p>	<p>Antibacterial Activity of New Sponge Species Isolated from the Qatari Marine Zone Kamilia Omar, Asma Ahmed Qatar University, Qatar</p>
<p>Health Hörsaal 1 A14-1-101 Discussant Lynette Engeswick</p>	<p>Intergenerational Health Transmission in Uganda: Its Moderators and Persistence Julia Ran University of Chicago, USA</p>	<p>The Influence of Sleep Practices, Chronotype, and Life-Style Variables on Sleep Quality Among Students at Rusangu University, Zambia Joel Saboi Mvula, Jimmy Kijai Rusangu University, Zambia</p>	<p>SAM: A Development of Intelligent Medical Platform Sippakorn Saeng-Aroon, Thanapong Chuangyanyong, Worachit Ketrungsri King Mongkut's University of Technology Thonburi, Thailand</p>
<p>Economy Senatssitzungssaal A14-1-111 Discussant Harald Miege</p>	<p>Profitability and Resource Use Efficiency of Pond Fish Production in Morang, Nepal Dikshit Poudel, Hasta Bahadur Bista, Narayan Prasad Pandit Agriculture and Forestry University, Nepal</p>	<p>Measurement, Quality Analysis and Improvement Strategies for Retail Services Companies in the City of Piura, Peru Eduardo Sánchez, Stephanie Villanueva, Karen Alvitez, Fiorella Ruiz, Wenceslao Nuñez Universidad de Piura, Peru</p>	<p>Debt Financing and Profitability of Savings and Credit Cooperatives (SACCOS) in a Rural Economy: A Case Study of Rukiga SACCO in Western Region in Uganda Faith Tumwebaze Uganda Christian University, Uganda</p>
<p>Communication Seminarraum 031 A14-0-031 Discussant Karina Kedzior-De Santis</p>	<p>On the Influence of an Opponent's On-Court Position and Skill Level on Visual Anticipation of Stroke Direction in Tennis Kim J. Huesmann University of Oldenburg, Germany</p>	<p>Physical Activity Counseling with Respect to a Set of Objectives and a Taxonomy of the Muscular System Geanina-Monica Tudor University Politechnica of Bucharest, Romania</p>	<p>Lack of Reading Comprehension by Students of Grade 11 Stream "C" at Cristiano Paulo Secondary School Helio Eugenio Antonio Rapassola Universidade Pedagogica, Mozambique</p>

Oral Session 3 Friday, 24 May 11.00 am — 12.30 pm

Politics

Seminarraum 112

A14-1-112

Discussant

Dana Jackson-Hardwick

Refugee Crisis: An Insight into the Resettlement of School-Age Children

Allison Haynes

University of Alabama at Birmingham, USA

How to Develop a Fair College Admission Test for Foreign University Students in Germany: An Overview

Benjamin Goecke, Johanna Hartung, Mattis Geiger, Selina Weiss

Ulm University, Germany

Academic Labor: The Race and Struggle Against Proletarianization

Nour El-Hakim

The American University in Cairo, Egypt

Create

Seminarraum 030

A14-0-030

Discussant

Emily Kashka

Critical Thinking in Mathematics Teacher Preparation: Teacher Educator Understandings, Beliefs and Use of Critical Thinking Teaching Strategies

Bukelwa Kumalo, Lukhanyo Boligello

Nelson Mandela University, South Africa

Life, Liberty, and the Pursuit of Health: An Immigrant's Decision-Making as Influenced by Borders

Ayling Zulema Dominguez

University of Chicago, USA

Development of a Survey to Investigate Study Abroad Destination Choice

Nam Nguyen

Washington State University, USA

Poster Session 2 Friday, 24 May 1.45 pm — 2.45 pm

Environment

Hörsaal 3
A14-1-103

Sustainable Approach for Green Pesticide Production in Kenya from the Croton Megalocarpus Trees

Shelby Browning
University of Kentucky, USA

Environmental Sustainability Implementation Process in Higher Education Institutions: An Exploratory Case Study of Klaipėda's Universities

Reda Ivancevičiūtė
LCC International University, Lithuania

Energy Harvesting Using a Triboelectric Generator

Philopateer El Kess Athanasios Shamroukh
American University in Cairo, Egypt

The Growth of Super Foods Under Mars Lighting Conditions

Deanna DeMattio, Hannah Skeen
Embry-Riddle Aeronautical University, USA

Investigation of the Catalytic Activity of Zeolites in the Conversion of Ethanol

Victoria Kirushkina, Sofya Chuklina
RUDN University, Russia

Fungal Degradation of Polyurethane Foam in the Home Environment

Iona Campbell, Marcia Nishioka, Karen C. Dannemiller
The Ohio State University, USA

Mind over Matter: Intelligent Quantum Dot Synthesis Enabled by a Modular Continuous Flow Reactor

Michael Bowen, Robert W. Epps, Kameel Abdel-Latif
NC State University, USA

Health

Hörsaal 3
A14-1-103

Virtual-Reality Training Enhances Children's Working Memory, Processing Speed, and Visual-Spatial Memory

Kerri Tang, David C. Schwebel
University of Alabama at Birmingham, USA

Impact of Body Composition on Global Esteem in College Age Women

S. Kailey Miller, Sarah H. Sellhorst, Elizabeth A. Easley, William F. Riner
Project
University of South Carolina, USA

Evaluation of Lung Capacity Utilizing Serial Peak Flow Resulting in Students from 6–12 Grade Participating in Band

Jesse Adams, Dr. Courtney Catledge, Dr. Robin Estrada
University of South Carolina, USA

Poster Session 2 Friday, 24 May 1.45 pm — 2.45 pm

Health

Hörsaal 3
A14-1-103

Assessment of Oral Health Knowledge, Attitude and Practices Among Pupils in Buleega Primary School (Buikwe District) and Those in Nakasero Primary School (Kampala District)

Joseph Mubiru
Makerere University, Uganda

Brain Activity During Viewing and Describing of Emotional and Neutral Pictures

Sarah Schumacher
University of Oldenburg, Germany

Development of an Infant-Specific Toy Kit for Research in Rehabilitation of Arm and Hand Function

Brianna Sowers, Helen Carey, Olena Chorna, Ellyn Hamm, Mary Ann Nelin, Jill Heathcock, Jennifer Williams, Nathalie Maitre
The Ohio State University, USA

Social Cognition in Adults with Attention-Deficit Hyperactivity Disorder (ADHD) and the Relation Between ADHD Symptoms and Depression Scores

Swantje Bruns
University of Oldenburg, Germany

Photocaging Technique for the Targeted, Spatiotemporally Controlled Release of Substances that Alter Hormone Metabolism

Kendra A. Ireland
Sam Houston State University, USA

Castor Oil: A Novel Topical Treatment for Blepharitis

Alice Jackson, Marna Claassen, Lauren Curd, Alex Muntz, Grant Watters, Emma Sandford
University of Auckland, New Zealand

Environmental Enrichment and Optimal Physical Activity Modulate Recovery to Traumatic Brain Injury

Julie Fitzgerald, Sarthak Shah, Kate Karelina, Zachary M. Weil
The Ohio State University, USA

Home Dialysis Patients' Perspectives on the Utilization of Patient-Reported Outcomes: Keep Me Involved!

Rita Iradukunda
University of Alberta, Canada

Screening for Lower Extremity Peripheral Artery Disease in Patients with Type 2 Diabetes and Hypertension

Anna Hajnalka Koncz, László Maroda, Tamás Köbbling, Miklós Zrínyi, Mariann Semjéni
University of Debrecen, Hungary

Poster Session 2 Friday, 24 May 1.45 pm — 2.45 pm

Health

Hörsaal 3

A14-1-103

Estimating Seroprevalence of Dengue and Chikungunya Viruses Among Blood Donors in Qatar

Sarah Okashah, Munia Hamdan
Qatar University, Qatar

Tai Chi in the Treatment of Parkinson's Disease: The Quality of Systematic Reviews

Ilkay Kaplan
University of Bremen, Germany

Limited Changes in Impedance and Current with Constant Voltage in Patients with Bilateral STN or VIM DBS

Meredith Wells, Huiyan Yu, MD, Matthew Burns, MD, Mahesh Padmanaban, MD, Tao Xie, MD PhD
The University of Chicago, USA

Prevalence of Polypharmacy in an Elderly Population with Chronic Noncommunicable Diseases

Ariadna Sophia Pérez Serrano, Anyi Xiomara Tibaduiza Corzo
Universidad Autónoma de Bucaramanga, Colombia

Nutritional Status of Mothers and Children from Farmer Family Background in Indonesia

Verena Wolfarth
University of Hohenheim, Germany

A Novel Approach Against Conformational Diseases: Unfolded Protein Response Initiated Stress Communication

Yiming (Jason) Zhang
University of Alabama at Birmingham, USA

Association Between Fat Distribution and Iron Status Among Qatari Obese Adults

Hafsa Faqihi, Omama Abou Aker, Walaa Mohamed
Qatar University, Qatar

Poster Session 2 Friday, 24 May 1.45 pm — 2.45 pm

Economy

Hörsaal 3
A14-1-103

Exploring Ownership: An Analysis of Early Kentucky Court Records

Shelby Clark
University of Kentucky, USA

Carsharing in Vienna: An Economic-Geographical Analysis of the Spheres of Influence for Actors in Car-Sharing

Nikolaus Steinböck
University of Vienna, Austria

What is a 24-Hour City?

Isabella Santosusso
Drexel University, USA

Communication

Hörsaal 3
A14-1-103

Quantifiers in Passive Sentences: Spreaders' Interpretation

Jelle Kisjes
University of Groningen, Netherlands

Cubano Polaco Americano: A Study on the Globalization of Capitalist and Socialist Poster Art During the Cold War

Olivia Reyes
University of Central Oklahoma, USA

Technology-Related Analytical Competences of Pre-Service Teachers: An Intervention Study

Tugce Bozkus
University of Augsburg, Germany

Politics

Hörsaal 3
A14-1-103

Transitional Justice Preferences Among Syrian Refugees in Jordan: An Analysis of Sociopolitical Factors

Jamie Wise
The Ohio State University, USA

The Role of Religion in Solidifying Group Identity Among Females

Jawonna Coleman
University of West Georgia, USA

Period Transfer of "Fuenteovejuna"

Jenna Miller
University of West Georgia, USA

Poster Session 2 Friday, 24 May 1.45 pm — 2.45 pm

Create

Hörsaal 3

A14-1-103

East Meets West: How Chinese Foot Binding and Victorian Corsetry Altered Women's Anatomy

**Julia Ann Marquez,
Jessica Sheetz-Nguyen**
University of Central Oklahoma, USA

Autonomous Navigation and Obstacle Avoidance for Indoor Reception Robot

Sorawit Chatuphonphet, Thirawat Chutong, Sirin Tangpoolcharoen
King Mongkut's University of Technology Thonburi, Thailand

First-Year Students' Transition to University: A Study in the Effectiveness of First Year Seminar Courses

Olivia Cole, Theresa Higgins, Neylan Wheat
University of Wyoming, USA

Blunting Drug Related Gene Expression Changes Using a CRISPR/dCas9 Strategy

Saakshi Thukral, Katherine E. Savell
University of Alabama at Birmingham, USA

A Development of Smart Farming System

Passakorn Rattanagulvaranon, Purin Satthamnuwong
King Mongkut's University of Technology Thonburi, Thailand

Poster Session F&C Friday, 24 May 2.45 pm — 5.45 pm

Faculty & Coordinators

Bibliothekssaal

<p>The Faculty-Student Research Banking System: A Course Load Model to Incentivize Faculty Participation in Undergraduate and Graduate Research</p> <p>Julye Bidmead, Lisa Kendrick Chapman University, USA</p>	<p>Undergraduate Research at The Ohio State University</p> <p>Lorraine S. Wallace Ph.D., Kayla Daniel, Amanda Jovanovich The Ohio State University, USA</p>	<p>Challenges and Breakthroughs in Undergraduate Research: The Case of the American University in Cairo</p> <p>Amani Elshimi The American University in Cairo, Egypt</p>
<p>Students Perceptions Regarding Undergraduate Research</p> <p>Lynnette Engeswick Minnesota State University, Mankato, USA</p>	<p>Providing Biology Undergraduates with Compelling Research Opportunities to Heighten Their Performance at the University of Sulaimani, Kurdistan, Iraq</p> <p>Haider M. Hamzah University of Sulaimani, Iraq</p>	<p>Increasing Student Persistence with Discovery-Based Research Experiences in the First Two Years of Undergraduate Education</p> <p>J. Robert Hatherill Del Mar College, USA</p>
<p>STAR Scholars Program: Early Undergraduate Research as a Catalyst for Individual and Institutional Transformation</p> <p>Emily Kashka Drexel University, USA</p>	<p>NC State University... Where Students Think and Do the Extraordinary</p> <p>Heather King NC State University, USA</p>	<p>Collaborative Research at a US Women's College: A Holistic Approach to Student and Faculty Development</p> <p>Cynthia Norton, Dr. Colleen Carpenter, Ph.D. Saint Catherine University, USA</p>
<p>Undergraduate Participation in the US National REU Program: Characteristics and Trends</p> <p>Sally O'Connor, Ph.D. National Science Foundation, USA</p>	<p>Implementing an Undergraduate Research Office: Insights from Undergraduates</p> <p>Pamela Rose, Troy Thomas, Lenandlar Singh University of Guyana, Guyana</p>	<p>Elements of a High-Impact Undergraduate Research Program</p> <p>Elizabeth Sandell Minnesota State University, Mankato, USA</p>

Poster Session F&C Friday, 24 May 2.45 pm — 5.45 pm

Faculty & Coordinators

Bibliothekssaal

<p>Humboldt Reloaded – Undergraduate Research Integrated into Bachelor Curriculum at Hohenheim University</p> <p>Vanessa-Emily Schoch Julia Gerstenberg University of Hohenheim, Germany</p>	<p>Constructing Undergraduate Research in the Humanities</p> <p>John Scott Mercer University, USA</p>	<p>Encouraging Research Across Disciplines at Mercer University, Georgia USA</p> <p>John Stanga Mercer University, USA</p>
<p>Special Collections as Undergraduate Research Incubator</p> <p>Carol Street University of Kentucky, USA</p>	<p>Challenges and Opportunities for Mentoring Undergraduate Research: A Faculty Perspective</p> <p>Carol Strong University of Arkansas at Monticello, USA</p>	<p>The Impact of Non-Competitive Semester Grants for Undergraduate Research: Inclusion and Pathway to Student Success</p> <p>Jing Tan Bridgewater State University, USA</p>
<p>What Do Students Learn in Research-Based Learning Settings? A Panel Study at the University of Oldenburg</p> <p>Janina Thiem, Dr. Susanne Haberstroh, Dr. Richard Preetz University of Oldenburg, Germany</p>	<p>The Undergraduate Scholars Program at Montana State University</p> <p>Gregory Young Montana State University, USA</p>	

Saturday

25

05

8.00 am — end	Registration	
9.00 am — 10.30 am	Oral Session 4	page 32
10.30 am — 11.00 am	Coffee Break	
11.00 am — 12.30 pm	Oral Session 5	page 34
12.30 pm — 1.45 pm	Lunch Break	
1.45 pm — 3.15 pm	Oral Session 6	page 36
3.15 pm — 3.45 pm	Coffee Break	
3.45 pm — 5.15 pm	Oral Session 7	page 38
5.15 pm — 5.30 pm	Coffee Break	
5.30 pm — 7.00 pm	Closing Ceremony	
7.00 pm — 8.00 pm	Free Time to Explore Oldenburg and Its Culinary Delights See Food and Restaurant Guide on page 54	
8.00 pm	Congress Party & Late Night Café	

Oral Session 4 Saturday, 25 May 9.00 am — 10.30 am

Environment

Hörsaal 2

A14-1-102

Discussant

J. Robert Hatherill

Application of the City Blueprint Approach in Developing Countries: A Case Study in Ulaanbaatar City, Mongolia

Enkhuur Munkhsuld, C.J. van Leeuwen, Stef Koop

National University of Mongolia, Mongolia

EProbiotic Encapsulated Cellulose Fibers Derived from Industrial Pineapple (Ananas comosus L.) Peel Waste for Value Addition

R.A.D. Rajapaksha, M.D.J.C. Sandarani, N.M. Adassooriya, C.V.L. Jayasinghe

Wayamba University of Sri Lanka, Sri Lanka

Tolerance of Two Grafted Tomato Plants (Calinago f1 and Buru Buru; f1 Mongal and Buru Buru) to Diseases

Jomesha Stewart

University of Guyana, Guyana

Health A

Hörsaal 1

A14-1-101

Discussant

Fatme Al Anouti

A new Commensal Microbe Confers Protection Against Autoimmunity

Ayushi Thakur, Arthur Mortha

University of Toronto, Canada

How Do Immune Cells and Gut Microbes Talk to Each Other?

Sung Min Lim

University of Toronto, Canada

The HAILO Splint: A Remote Compliance and Force Sensing Splint for Base of Thumb Osteoarthritis

Belquis Haider, Angela Kedgley, Matthew Gardiner, Tonia Vincent, Ali Alazmani, Peter Culmer

The American University in Cairo, Egypt

Health B

Seminarraum 113

A14-1-113

Discussant

Haleama Al Sabbah

School Girls' Perceptions of HIV Risk in a Township School in Korsten, Port Elizabeth

Liliso Mangcunyana

Nelson Mandela University, South Africa

Mental Health Stigma in the UAE: Female University Students' Awareness and Opinions

Zainab Abdulla

Zayed University, United Arab Emirates

Discussions of Suicide in Guyana: The Insiders' Perspectives

Shikema Dey, Nerissa Persaud, Diana Mohamed, Pamela Rose

University of Guyana Berbice Campus, Guyana

Economy

Senatssitzungssaal

A14-1-111

Discussant

Femi Odebiyi

A Case Study of Investment Performance of Safaricom Limited Company

Dan Muthomi

Kenyatta University, Kenya

The Asymmetric and Nonlinear Impact of Public Investment on Economic Growth

Sachin Khurana

Mercer University, USA

Oral Session 4 Saturday, 25 May 9.00 am — 10.30 am

Communication

Seminarraum 031

A14-0-031

Discussant

Harald Mieg

Shuttle Alert

Elijah Gatale

Makerere University, Uganda

The Development of a Linear Regression Model of Cotton Seeds Crushing

Vitaliy Pak

Tashkent University of Information Technologies, Uzbekistan

Predatory Journals in Oncology: A Critical Appraisal

Ibrahim Abdelhafez, Mohamed Badie Ahmed, Yaman Farid M. AlAhmad, Ala-Eddin Al Moustafa, Faruk Skenderi
Qatar University, Qatar

Politics

Seminarraum 112

A14-1-112

Discussant

Carol Strong

The Evolution of the Modern Presidency in the United States and Its Impact on the World

Daniela Delgado

University of Arkansas at Monticello, USA

Pro-Israel PAC Expenditures and Candidate Decision Making

Cassidy O. Neri

Eastern Connecticut State University, USA

Forgotten and Forsaken Bodies: Black Trauma and the Problematic Construction of History in Public Memorials

Iceline King

St. Catherine University, USA

Create

Seminarraum 030

A14-0-030

Discussant

Emily Kashka

Widening Participation in Higher Education Through Undergraduate Research

Dan-Emil Nădășan, Anoshamisa Gonye, Katie Hall, Wangi Pandan Sari

University of Warwick, United Kingdom

The TAB Choice - Teaching for Artistic Behavior: Student Learning in a Choice-Based Art Classroom

Cady Parker

Bridgewater State University, USA

Intercultural Competencies Among Undergraduates in the College of Arts & Humanities at Minnesota State University, Mankato

Jonathon Arndt, Olivia Thomas

Minnesota State University, Mankato, USA

Oral Session 5 Saturday, 25 May 11.00 am — 12.30 pm

Environment

Hörsaal 2

A14-1-102

Discussant

Harald Mieg

Rock-Water Analysis and an Account for the High Fluoride Content in Groundwater

Temwani Chisunkha

Malawi University of Science and Technology, Malawi

A Bridge Over a Dry River: An Anthropological Exploration of the Water Crisis in Iran

Laura Muns

University of Amsterdam, Netherlands

The Effect of Microzooplankton Grazing on Phytoplankton Biomass in the North-End Lake, Port Elizabeth, South Africa

Lethukuthula Mhlongo

Nelson Mandela University, South Africa

Health A

Hörsaal 1

A14-1-101

Discussant

Dorothea Kaufmann

A Three-Dimensional Study of Infant Gastrocnemius and Soleus Architecture

Luke Bradshaw, Ethan Breinhorst, Susan Stott, Anne Agur, Ali Mirjalili

University of Auckland, New Zealand

Effect of Brachial Plexus Birth Injury Location on Muscle Composition

Margaret K. Tamburro, Emily B. Fawcett, Nikhil N. Dixit, Katherine R. Saul

North Carolina State University, USA

African Spiny Mouse (Acomys) Regeneration Following Acute, Chronic and Volumetric Muscle Loss Injuries

Aaron Sandoval

University of Florida, USA

Health B

Seminarraum 113

A14-1-113

Discussant

J. Robert Hatherill

The Concentration of Heavy Metals in Tilapia Fish, Sediments and Water in River Enyau in Arua District

Ayoo Polycarp, Oloya Benson

Muni University, Uganda

Exploring the Level of Heavy Metals, Hormones and Antibiotics in Imported Meat at the UAE Market

Afnan Alblooshi

Zayed University, United Arab Emirates

Rapid Bioassay of Pesticide (Organophosphorus and Carbamate) Residues in Vegetables at Kalimati Market, Kathmandu, Nepal

Dikshit Poudel, Narahari Prasad

Agriculture and Forestry University, Nepal

Economy

Senatssitzungssaal

A14-1-111

Discussant

Carol Strong

The Economic Development of Egypt: Steps Towards the Future

Haya Anis

American University in Cairo, Egypt

Rational Exuberance: Is the Cryptocurrency Market a Speculative Bubble or a Viable Currency for the World?

Lukasz Bartoszcze

University of Warwick, United Kingdom

Oral Session 5 Saturday, 25 May 11.00 am — 12.30 pm

Communication

Seminarraum 031

A14-0-031

Discussant

Michael Levelink

Suitable and Affordable Technologies for Profoundly Hearing-Impaired Mothers with Infants

Zukile Bright Mxhego

Nelson Mandela University, South Africa

A Low-Cost Stand-Alone Eye Tracking System for Motorized Wheelchair Control

Mahmoud Dahmani, Abdalla Hefny, Khaled Al-Jayyousi

Qatar University, Qatar

Autonomous Operation for Multi-Floor Robot Navigation

Sorawit Inprom, Jirat Nakarit, Supat Limsamutchaikul

King Monkut's University of Technology Thonburi, Thailand

Politics

Seminarraum 112

A14-1-112

Discussant

Elizabeth Sandell

Soup Kitchens in Street Corners: The Rationalized Compassion

Shen Yang

Pace University, USA

The Challenges Faced by Orphanage Direct Care Workers in Guyana

Shemaine S. Robinson

University of Guyana, Guyana

Violation of Human Rights and Humanitarian Law in Kenya

Lydia Makena

The Catholic University of Eastern Africa, Kenya

Create

Seminarraum 030

A14-0-030

Discussant

Gregory Young

Uncovering Sartre: Analysis of an Unpublished Journal

Dealla Samadi

University of Kentucky, USA

A Memoir of Eric Funk: Music Influences in a Global Environment

Peter Pomajevich

Montana State University Bozeman, USA

Escape Stories: Experience and Entering. A Student Project

Julia Kreuch

Ruhr University Bochum, Germany

Oral Session 6 Saturday, 25 May 1.45 pm — 3.15 pm

Environment

Hörsaal 2

A14-1-102

Discussant

Sally O'Connor

Development of an Eddy Current Drive Based on Permanent Magnets

Jaspar Halbey, Mirko Kemna

University of Applied Sciences Emden-Leer/
University of Oldenburg, Germany

Novel Polymer-Derived Ceramic Matrix Composite Fabrication Using Additive Manufacturing for High Temperature Aerospace Applications

Spencer Dansereau, David Marshall, Rishi Raj, Paolo Colombo

Montana State University Bozeman, USA

Re-Design and Integration of Modern Technology into the Traditional Charcoal Cooler

Dennis Chang'ach, Edgar Kitui, Denis Mwai

Jomo Kenyatta University of Agriculture and Technology, Kenya

Health A

Hörsaal 1

A14-1-101

Discussant

Jing Tan

Medication Assisted Treatment (MAT) for Opioid Use Disorder (OUD) in Pregnancy: Program and Psychiatric Implications in Delivery and Neonatal Outcomes of Success

Avery Meyer, Meghan Sharp, MA, Mona Rani Prasad, DO, MPH, William Thomas Whitlow, Courtney Lynch, PhD, MPH, Kristen Carpenter, Ph.D.

The Ohio State University, USA

Improving Genetic Diagnosis for Developmental Delay and its Cost Effectiveness in South Africa

Julia Ran, Lydia Wu, Emma Wiener

University of Chicago, USA

Health B

Seminarraum 113

A14-1-113

Discussant

Dorothea Kaufmann

Investigating a New Target for Treating the Global Diabetes Epidemic

Colleen Newey, Jenny Pape

Brigham Young University, USA

Diabetes Risk Score: A Simple Screening Tool for Type 2 Diabetes Mellitus in Qatar

Khaled Wagdi Sadek, Ibrahim Abdelhafez, Israa Al-Hashimi, Wadha Al-Shafi, Fatimah Tarmizi, Hissa Al-Marri, Nada Salem, Mohammad Abdullah Balideh

Qatar University, Qatar

Glucose-Dependent Insulinotropic Polypeptide Transcriptional Control in a Neuroendocrine Cell Line

Ivan Beltran, Monica Losada, Jose Iglesias

Universidad Antonio Nariño, Colombia

Oral Session 6 Saturday, 25 May 1.45 pm — 3.15 pm

Communication

Seminarraum 031

A14-0-031

Discussant

Victoria Marín

Online Classroom Platform Based on Augmented Reality Technology

Wannachat Surasiang

King Mongkut's University of Technology Thonburi, Thailand

Towards Student-Designed Digital Infrastructures at Universities

Alexa Böckel, Elisa Schopf

Leuphana University of Lüneburg, Germany

Surrogate Robot for Telepresence

Suktipol Kiatthaveephong, Kaewkirati Boukaew

King Mongkut's University of Technology Thonburi, Thailand

Politics

Seminarraum 112

A14-1-112

Discussant

Julye Bidmead

Dating Soyboys: Women's View of Veg* Men in Romantic Relationships

Aidan Jones

Chapman University, USA

The Dialectic of Dissimilarity and Relation – The Position of Man and Woman as Seen by Karl Barth

Rebekka Scheler

Ruhr University Bochum, Germany

The United States Adversarial Court System: Addressing Sexual Assault with Restorative Justice

Leah Sparkman

University of Arkansas at Monticello, USA

Create

Seminarraum 030

A14-0-030

Discussant

Harald Mieg

The Representation of Islamic Architecture in Sharjah, United Arab Emirates

Sundos Alsheebani

Zayed University, United Arab Emirates

Remembering the Future City: Collective Memory in Debates on Urban Design

Kaspar Metzkow

Humboldt Universität zu Berlin, Germany

Promoting Active and Social Life for Emirati Women Through Proposed Indoor-Outdoor Spaces

Sara Alnahdi

Zayed University, United Arab Emirates

Oral Session 7 Saturday, 25 May 3.45 pm — 5.15 pm

Environment A

Hörsaal 2

A14-1-102

Discussant

Hamzah M. Haider

Bacterial Community Structure and Physicochemical Properties of Saline Sandy Soil in Response to Long-Term Application of Compost and Biochar

Ayesha Albalooshi, Shagufta Gill

Zayed University, United Arab Emirates

Role of Termites in Nutrient Recycling and Productivity of Beans: A Case Study of Muni Village, Oluko Subcounty, Arua District, Uganda

Morine Wamboi

Muni University, Uganda

Water, Soil and Bio-Fuel Land Management Stewardship in the Great Plains, USA

Rainee DeRoin, Adrian Saenz, Whitney

Lisenbee, Elaine Stebler, Chris Zou,

Rodney Will

Oklahoma State University, USA

Environment B

Seminarraum 112

A14-1-112

Discussant

Sally O'Connor

Synthesis and Properties of Complex Mn_{0.5(1+x)Al(x)Ti(2-x)(PO₄)₃ in Ethanol Conversion}

M.Y. Kharlamova, S.M. Abrosimova, L.S Akhmedova

RUDN University, Russia

Halide-Oleate Ligand Equilibria of Solution-Phase PbS Quantum Dots Monitored by NMR Spectroscopy

Perry T. Wasdin

University of West Georgia, USA

The Use of Finite Element Modeling to Increase the Efficiency of Low Environmental Impact Hydropower

Janelle Gherasim

Utah Valley University, USA

Health A

Hörsaal 1

A14-1-101

Discussant

Alex Müntz

Chemical and Biological Investigation of Traditional Aboriginal Bush Medicine Gumby Gumby

Eden Little

Griffith University, Australia

Antimicrobial Mode of Action of Grapefruit Seed Extract on Virulence Plasmids Found in Local Isolates of Klebsiella Pneumoniae

Aram Mohammed, Rawezh Hamasalih, Barham Abdurrahman, Salar Abdulaziz, Soma Barawi

University of Sulaimani, Iraq

Estimating Organ Dose for a Standard Chest X-Ray at the Georgetown Public Hospital Corporation

Jason Jaikissoo, Petal Surujpaul

University of Guyana, Guyana

Oral Session 7 Saturday, 25 May 3.45 pm — 5.15 pm

Health B

Seminarraum 113

A14-1-113

Discussant

Khau Mathabo

The Dignity of a Relational Death: Redefining What it Means to Die a Good Death

Rachel Cicoria, Mohamed Al-Hakim
Florida Gulf Coast University, USA

**“Three Parents for a Healthy Child”:
An Investigation of the Reporting on
the Genetic Modification of Human
Gametes**

Eileen Jahn
University of Bremen, Germany

**Archival and Historical Perspectives
on the Mental Health of Displaced
Children**

Elizaveta M. Khenner
University of Kentucky, USA

Communication

Seminarraum 031

A14-0-031

Discussant

John Chang’ach

**Factors Influencing Consumers’ Digital
Payment Adaptation: A Comparison of
Technology Acceptance Model (TAM)
and Brand Knowledge**

Phuong Sokheng
Royal University of Phnom Penh, Cambodia

**Consumer Adoption of E-Wallets: A
Study of Millennials at the Institute of
Foreign Languages**

Thai Sivmey
Royal University of Phnom Penh, Cambodia

**Are Personality Characteristics
of Students Related to the Study
Subject?**

Wiete Fehner, Defne Aksit
University of Bremen, Germany

Create

Seminarraum 030

A14-0-030

Discussant

Victoria Marín

**How Can Elementary School
Classrooms Induce Student Creativity
Through Spatial Experiences?**

Sarah Amr Abouelkhair
The American University in Cairo, Egypt

**Kinematic Algorithm of
Anthropomorphic Robotic Hand for
Communication in Thai Sign Language
(KART)**

Sivanon Visutarporn
King Mongkut’s University of Technology
Thonburi, Thailand

**Developing a Mobile Application to
Investigate the Perception of a
Dyslexia**

Noelle Rousselle
University of Oldenburg, Germany

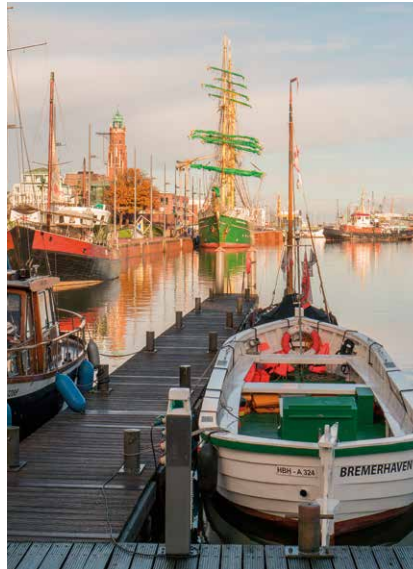
Sunday

26
05

9.15 am — 8.30 pm

Social Program

Day Excursions:
Harbors, Islands and Nature
in Northwest Germany





Master and Graduate Fair

The Master and Graduate Fair is an opportunity for you to meet representatives from various institutions who will showcase their graduate programs. Don't miss this chance to learn about universities and their offerings from around the globe. In addition, institutions that promote Undergraduate Research give insights into their work.

Institution, Country ► Contact Person ► E-Mail

The American University in Cairo, Egypt ► Amani Elshimi ► ashimi@aucegypt.edu
University of Oldenburg, Germany ► Nina Schulze ► studium@uol.de
Heidelberg University, Germany ► Dorothea Kaufmann ► d.kaufmann@uni-heidelberg.de
Jacobs University, Germany ► Maria Gabriela Apolo ► m.apolo@jacobs-university.de
Moi University, Kenya ► John Chang'ach ► changach65@gmail.com
LCC International University, Lithuania ► Femi Odebiyi ► fodebiyi@lcc.lt
The University of Auckland, New Zealand ► Alex Müntz ► a.muntz@auckland.ac.nz
Qatar University, Qatar ► Maher Khelifa ► maher.khelifa@qu.edu.qa
Drexel University, USA ► Emily Kashka ► eak326@drexel.edu
Minnesota State University, USA ► Elizabeth Sandell ► elizabeth.sandell@mnsu.edu
Oklahoma State University, USA ► Brenda Morales ► brenda.morales@okstate.edu
St. Catherine University, USA ► Colleen Carpenter ► cmcarpenter@stkate.edu
The Ohio State University, USA ► Lorraine S. Wallace ► wallace.621@osu.edu
University of Alabama at Birmingham, USA ► Gareth Jones ► ghjones@uab.edu
University of Kentucky, USA ► Carol Street ► carolstreet@uky.edu
University of Tennessee at Chattanooga, USA ► Jennifer Boyd ► jennifer-boyd@utc.edu

Australasian Council of Undergraduate Research (ACUR), Australia ► Denise Wood ► d.wood@cqu.edu.au
British Conference of Undergraduate Research (BCUR), United Kingdom ► Carlos Cortinhas ► c.cortinhas@exeter.ac.uk
Council on Undergraduate Research (CUR), USA ► Elizabeth Ambos ► cur@cur.org
International Conference of Undergraduate Research (ICUR), United Kingdom ► Victoria Jelicic ► icur@warwick.ac.uk

Thematic Sessions: Connect Your Research

The World CUR's Thematic Sessions are one of the congress' highlights because they are directed at the student presenters only and represent a great opportunity to build your peer network. All sessions will be arranged around the six research themes and be hosted as well as facilitated by faculty members.



Since the Thematic Sessions are workshops for networking and exchange of research ideas, they are foremost a **sandbox for your passion, openness and curiosity**. At the same time they are a great chance to find partners with similar research topics and interests – maybe for your master thesis or a student exchange. They can be your chance to develop research questions across disciplines and to discuss global challenges with motivated future researchers from various countries. And last but not least, the Thematic Sessions will be an opportunity to reflect on methods, ethics and on how to do research and communicate science in times of “fake news” and the “Fridays for Future” movement for climate action.

How does it work?

During the Thematic Sessions you will form different small working groups discussing, sharing and assessing your group’s joint state of knowledge as well as some of the challenges of the 21st century. The statements and ideas for future research that you develop will be posted on Twitter with the hashtag #WorldCURNetwork and discussed in the closing ceremony.

Where can I sign up?

As a presenter you are signed up automatically, so you just need to bring your ideas to the right place:

Thematic Sessions will be held on Friday afternoon, 24 May from 2.45 pm to 5.45 pm.

The groups and rooms will be announced during the congress and be available at the registration desk.

We, the World CUR committee, organizing team and partners – and surely all attendees and observers of the congress – are very much looking forward to your thoughts and results!



Tips for Networking

International conferences are a great chance to meet new people, discuss your research, and to exchange ideas with others. Besides that, it is also a chance to discover new countries and cultures while broadening your horizons.



Meeting new people can be tricky or can sometimes even feel intimidating. English might not be your first language. Being in a country you have not been to before, might be overwhelming. But don't worry: others feel just like you. The World CUR offers many chances to help you feel comfortable with networking. Here are some of them:

Nametags

Recognize other participants who share your research theme. Look for matching icons that symbolize your own research theme on other attendees' name tags and introduce yourself. This will help you to identify shared research interests and to contribute to a friendly and productive atmosphere during the congress and the Thematic Sessions.

Games – Network While Playing

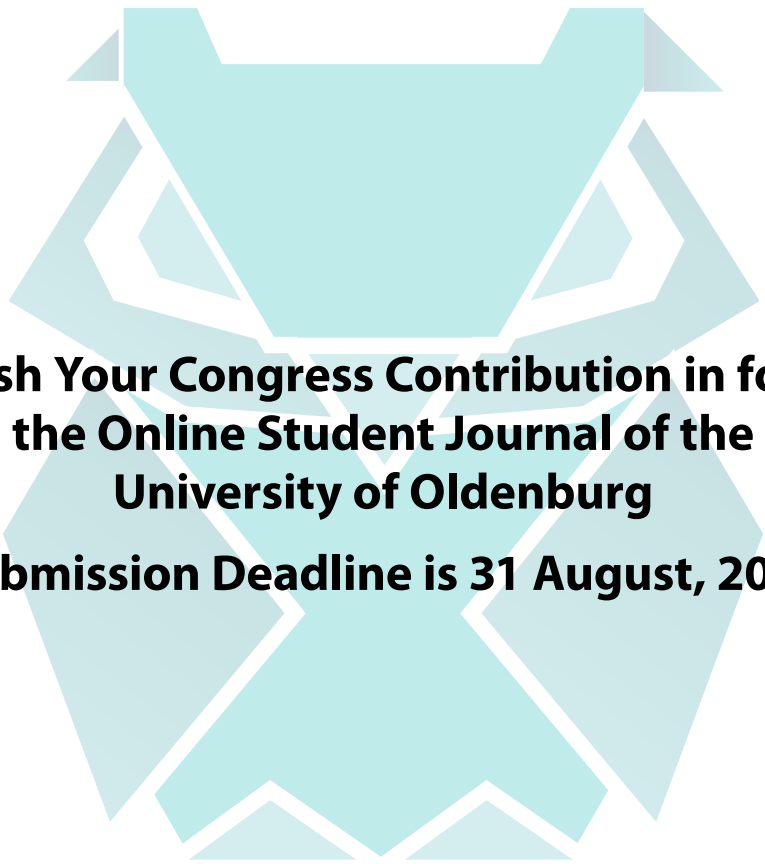
Take a selfie (alone or with others) using our **Magic Networking Machine**. Add your name and a hashtag of one of your research interests on the touchscreen. Pin your photo on your research theme area at the networking

gallery. Take a look at the photos of others and search for those who share your interests. Accept the challenge of the **World CUR Bingo**. In your congress bag there is a bingo card with a grid filled with different criteria. When you talk to other attendees, who match the criteria in one of the bingo boxes, you can put down their names until you complete a bingo row. Find at least four names to form a column, row or diagonal on your card. Share your results with the organizing staff at the registration desk to be nominated for networking king or queen – you will find out more at the Congress Party.

OpenStreetMap

Additionally, you can mark your home location on the World CUR **OpenStreetMap** (<https://bit.ly/2DgWllz>). We invite you to share your name, research interests and – if you want to – your social media and contact information.

These activities will not only add some fun to your congress experience, but will also support you in meeting others and preparing for the thematic sessions. So, feel free to play a bit in between sessions and connect!

The logo of the University of Oldenburg is a large, stylized, light blue shield-like shape with a white outline. It features a central white cross-like element and is composed of several overlapping geometric shapes.

**Publish Your Congress Contribution in *forsch!*
the Online Student Journal of the
University of Oldenburg
Submission Deadline is 31 August, 2019**

Following the 2nd World Congress on Undergraduate Research (World CUR 2019), we would like to offer you the opportunity to publish your contribution in **forsch!**, the Online Student Journal of the University of Oldenburg. **forsch!** is an Open Access Journal first published in 2015 and pursues the goal of making student research visible and disseminating it.

The publication and documentation of the congress presentations will take the form of a special issue open for all contributions presented at World CUR 2019.

For more detailed information on how to register as an author, possible formats, preparation guidelines, the review process and the latest news on the special issue, please refer to the Journal Website

www.uni-oldenburg.de/forsch

The English version can be selected using the “Sprache” selection button in the right-hand side column.

If you have any questions regarding the submission and assessment of your contribution as well as information on **forsch!** in general, please do not hesitate to contact

forsch@uni-oldenburg.de

We are looking forward to your contributions!



Social Program

The social program gives you the chance to network and get to know your peers and colleagues while discovering the culture and history of Northwest Germany and the Netherlands.





Day Tours: Old Cities in Northwest Germany or the Netherlands

Wednesday, 22 May (Tours BFR 1-3)

Bremen, Groningen and Papenburg are waiting to be discovered! We are looking forward to showing you exciting historical places in Northern Germany or the neighboring Netherlands.



Day Tours: Harbors, Islands and Nature in Northwest Germany

Sunday, 26 May (Tours AFT 1-2)

Discover the Wadden Sea (UNESCO World Heritage Site) in Bremerhaven or Spiekeroog with our social program after the congress! Experience nature and maritime flair to end an exciting week of presentations and discussions.

Afternoon Excursions: Exploring Oldenburg

Friday, 24 May

Use the opportunity to get to know Oldenburg and sign up for one of our various tours. You can choose between different activities: Explore the city center with City Boßeln (a sport typical of the region) or a professionally guided city walk. Additionally, we will also offer some student-led tours and campus tours. Registration will take place at the info desk in the main venue building (A14). Tour details are available on the congress website.



Congress Party

Saturday, 25 May

Location: Molkerei Klub, Bloherfelder Strasse 2

Starting 8.00 pm

Starting at 8 pm, DJ Sam Bora (aka “good vibes only”) and the World CUR team are excited to invite you to the World CUR Congress Party at the MOLKEREI. The club is located in the “Alte Molkerei”, a former dairy building situated between campus and city center. Free drinks and finger food will be served during the first hour after opening. At 10 pm the party will open its gates for the public and especially students from the University of Oldenburg.

Get ready for sportive networking and don’t forget to bring the bracelet from your congress bag for free entry!



Late Night Café

Saturday, 25 May

Location: Loft Alte Molkerei, Bloherfelder Strasse 2

Starting 8.00 pm

Visit the neighboring LOFT café for relaxed talks, meetings, dinners or a last drink until 1 am (at your own expense). A lounge area will be marked for World CUR attendees.

Send an email to socialprogram@world-cur2019.de if you prefer to reserve a table.



Food and Restaurant Guide



€€ Moto Kitchen (Sushi, Asian)
✓ Ammerländer Heerstraße 167
12-10 pm

€€ Ali Baba (Turkish)
Ammerländer Heerstraße 120
12-2.30 pm, 6 pm-midnight

€€ Prosecco (International, Italian)
✓ Uhlhornsweg 99A
11 am-2.30 pm, 6-10 pm

€ Denss (Supermarket with bakery inside, Soups)
✓ Uhlhornsweg 99
8 am-10 pm

€ Das Baguette (Sandwiches)
✓ Schützenweg 9
11 am-14.30 pm; 5.30-9.30 pm

University of Oldenburg

€€ Mephisto (German, local)
Artillerieweg 56
4 pm-1 am

€€ Beschte! (Burgers, Gin, Beer)
Schützenweg 22
12 pm-midnight, Mondays closed

Alte Molkerei Loft / Molkerei Klub

€ Cedars (Middle Eastern, Falafel)
✓ Ammerländer Heerstraße 61
12-10 pm

€€ Sterntaler (Burgerbar)
Schützenweg 11
12 pm-midnight

€€€ price range

✓ vegetarian friendly

€€ Extrablatt (International, American, Cocktails)
Lange Straße 90
9 am–midnight

€€ Der Schwan (Burger, Schnitzel, Beer Garden)
Stau 34
9 am–10 pm

€€ New York, New York (Pizza, Pasta)
Wallstraße 24
11 am–1 am

€ McDonald's (Fast Food)
Lange Straße 7
7 am–midnight; Wed–Sat till 5 am

€€ Peter Pane (burger grill and bar)
Heiligengeistwall 10-13
11 am–midnight

€€ Safran (Middle Eastern, Salads, Pasta)
Mottentraße 19
11.30 am–midnight

€€ Royals & Rice (Vietnamese)
Heiligengeistwall 12
12–10 pm

€€€ Glut & Wasser (Modern, International)
Stau 91
12 pm–1 am

€ Burger King (Fast Food)
Lange Straße 89
Hours: 10 am–10 pm
Prinzessinweg 2
9 am–1 am

€€ Ratskeller Oldenburg (German)
Markt 1
11 am–midnight

€€ Vapiano (Pizza & Pasta)
Kasinoplatz 3
11 am–11 pm

€€ Kulturlounge Seelig inside Schlosshöfe
(Pasta, Steaks, Salads)
Schloßplatz 2
9 am–11 pm

Useful Information

ATMs/Cash Machines

An ATM/cash machine (Volksbank) is located across the street from the main venue (A14 building), next to the Buch&Papier store. Look for the "EC" sign – the ATM is located directly below. Note that your bank might charge fees for using your card abroad (or a withdrawal or foreign currency transaction fee).

Bikes

The preferred means of transport in Oldenburg are bikes. The number of bikes is actually even larger than the number of Oldenburg's residents! Bike paths are on sidewalks and are marked in different color (usually pale red). Do make sure not to walk on bike paths as you stroll around the campus or to the city.

Botanical Garden (Philosophenweg 41)

At the botanical garden near the university, a wide variety of domestic and exotic plants are on display.

Unlike public parks and gardens, the botanical garden is designed to highlight interesting characteristics and biodiversity of the plants.

Bus – Your Public Transport

→ You can reach the university using bus lines **306** (Direction: Universität), **310** (Direction: Wehnen/Familia-Center) or **324** (Direction: Infanterieweg). If you want to head back to the city center take the Busses **306** (Direction: ZOB), **310** (Direction: ZOB) or **324** (Direction: Ostring) as well.

→ You will find a bus ticket that is valid from 23–25 May in your congress bag. Make sure to board the bus at the front door and show your ticket to the bus driver each time.

→ If you forget your ticket, or if you are in Oldenburg prior to or after the congress, you can buy a ticket from the bus driver for 2,50 EUR. Make sure to have cash on you, since cards are not accepted.

→ The departure times are displayed at all bus stops or can be found online (www.vwg.de or www.en.vbn.de), and in the VBN FahrPlaner app.

→ You can download the **FahrPlaner app** to get the exact bus schedule. The app is available in English.

During the day, the buses usually leave every 5 to 10 minutes. This interval gets longer in the evening and there are no bus services at night.

Congress Emergency Hotline

This phone number **+49-170-6046009** is primarily set up for emergencies related to the Beds for Brains program (e.g. not being able to reach your host or getting keys). In exceptional cases you may call this number for other congress related emergencies, but please do so only after all other options for solving the problem have been exhausted.

Congress Main Venue

The main venue of the congress is **Hörsaalzentrum A14** (A14 Building), Uhlhornsweg 8. Registration Desk phone number: **+49-441-798-4857**

Emergency

Police: 110

Ambulance/Fire Department: 112

If you find yourself or another person in a dangerous situation, dial the police emergency number 110.

If the dangerous situation is of medical nature, dial the medical emergency number 112. Both are free of charge. The nearest emergency department (Notaufnahme) is located in Auguststraße 16.

Food Off Campus

We've compiled a list with several restaurants around the university and in the city center (Innenstadt).

Useful Information

Please refer to the map **Food and Restaurant Guide** on page 54. Of course, there are many more restaurants. You can find them online or just by walking around. A note to vegetarians and vegans: each restaurant in Germany will typically have at least one or two vegetarian dishes. You can also download the Happy Cow app, which assists in finding plant-based / vegan options and healthy food.

Internet Access

There is an open Wi-Fi network called **WorldCUR2019** at the main venue (A14 building). Alternatively, you can use the eduroam network, which is available on the entire campus.

Lost and Found

Lost property can be handed in and picked up at the congress registration desk at the main venue (A14).

Presentations and Equipment

Each room will be equipped with a computer with internet access, a mouse, presentation remote, projector and powered speakers. Please note that you will have to use the equipment that we provide. If you have a slideshow (PowerPoint), bring it on a memory stick.

Quiet Space

The **room A14-1-115** is a designated quiet space. Attendees can use this space – individually or in a group – for quiet contemplation, meditation, reflection, or simply to rest on bean bags. Please be respectful of others, turn off all sounds on your devices, and do not bring any food or drink into the room. Enjoy the silence!

Registration

The Registration Desk is open from 8.00 am until the end of each congress day. When registering, you will be equipped with your name tag, the abstract book and the congress booklet. You only need to register once during the congress.

Smoking Ban in Germany

There is a ban on smoking in public places, including bars and restaurants, nationwide in Germany which in detail differs from state to state. Smoking is banned on public transportation and in train stations it is only allowed in designated smoking areas.

In Lower Saxony smoking is prohibited in public facilities such as universities, hospitals and government offices as well as in restaurant and bars. There might be special rooms for smoking. Please keep in mind that fines for violations range from 5–1000€.

Supermarkets

A larger supermarket, Combi, can be found near the 306/310 bus stop “Universität B” (see the map at the back of the booklet). For snacks, you can also visit the university cafeteria in the canteen building – “Mensa”.

Taxis

Here are some local taxi services you can call:

+49-441-81111 (Acht-Elf-Elf – das Taxi)

+49-441-24024 (Oldenburger Taxizentrale)

+49-441-66666 (Taxi 66)

Note that you might have to wait 5–20 minutes for the taxi to arrive and that prices are standardized and measured with taximeters in Germany (so you don't need to bargain). Taxis are rather expensive in Germany, and generally used only when absolutely necessary. Tipping etiquette for taxi rides includes rounding up.

Useful Information

University Canteen (“Mensa” in German)

You will receive vouchers for meals at the canteen for Thursday and Friday. Each voucher provides one meal including a main course, sides, dessert and one drink. There is a variety of food available. For details, see the menu on pages 62 and 63. In the canteen lobby (ground floor) you will find signs that lead you to your chosen station:

→ **Classic** offers a wide range of daily menus and side dishes: fish, meat, casseroles, stews, vegetables, salads, soups and dessert.

→ **Pizza/Culinarium** is located in the middle of the canteen: Find specials at the Pizza-Station (not always pizza of course) and the Culinarium where the food is cooked in front of you, offering great menu specials including steak, casseroles, and fish dishes. Expect increased waiting times at these stations.

→ **Veggie/Vegan/Pasta** is where you will find various vegetarian and vegan dishes. Pasta lovers will find different dishes of their favorite food at the Pastatheke. But don't worry, you can also change your mind once you're upstairs at the canteen: all areas are connected so you can easily go from one station to another. But caution: Once you grab a dish, it's yours!
Opening hours: 11.15 am – 2.15 pm

Work Space

The **room A14-1-114** is a designated working and networking space. It is equipped with desks with electrical outlets where you can prepare for presentations alone or in groups, answer emails, read, write, create social media posts, collaborate and meet with others.

German for Beginners

- Hello** ▶ Moin / guten Tag / Hallo
- Bye** ▶ Tschüss
- Goodbye** (formal) ▶ Auf Wiedersehen
- Yes** ▶ Ja
- No** ▶ Nein
- Please** ▶ Bitte
- Thank you** ▶ Danke schön
- Excuse me** ▶ Entschuldigung
- Do you speak English?** ▶ Sprechen Sie Englisch?
- How much does it cost?** ▶ Wie viel kostet das?
- Entrance** ▶ Eingang
- Exit** ▶ Ausgang
- Push** ▶ Drücken
- Pull** ▶ Ziehen
- Canteen, dining hall** ▶ Mensa
- Voucher** ▶ Gutschein
- Seminar room** ▶ Seminarraum
- Auditorium, hall (building)** ▶ Hörsaalzentrum
- Wi-Fi** ▶ WLAN

There are numerous online sources to kick-start your German. Here are some websites where you can also hear a few phrases as they are pronounced:

www.fodors.com/language/german/basic-phrases
www.linguanaut.com/english_german.htm



Canteen Lunch Menu Thursday, 23 May

Station Classic

Mains	Pea Soup (1, SL, Sf) (V+)
	Currywurst (2, SL, Sf) (S, R) with Curry Sauce
	Matjes-fish filet (1, 3, Egg, Mi, SL, Sf, We, Fi) with Apple-Onion Mayonnaise
Sides	<ul style="list-style-type: none"> ▶ Fries ▶ Parsley Potatoes
Vegetables	Mixed Vegetables
Salads	<ul style="list-style-type: none"> ▶ Iceberg lettuce with carrot strips ▶ Cucumber salad
Soup	Cream of vegetable (1, Mi, SL, Sf)
Dessert	<ul style="list-style-type: none"> ▶ Bavarian chocolate cream (Mi) (RG) ▶ Apricot compote ▶ Fresh fruit

Station Veggie Vegan Pasta

Pasta	Spaghetti (2, Egg, Ma, Mi, We) (V) Genovese pesto
	Wholegrain fusilli (Mi, We) (S) Carbonara sauce
Vegetarian Vegan	Marrakesh Couscous salad Spicy curry dip (3, Se, SL, We) (V+)
Salad	<ul style="list-style-type: none"> ▶ Iceberg lettuce with carrot strips ▶ Cucumber salad
Dessert	<ul style="list-style-type: none"> ▶ Bavarian chocolate cream (Mi) (RG) ▶ Apricot compote ▶ Fresh fruit

Culinarium

Grill Wok	Viennese-style pork Schnitzel Mushroom cream sauce (1, Mi, SL, We) (S)
	Potato gratin with green asparagus (Mi) (V)
Sides	<ul style="list-style-type: none"> ▶ Basmati rice ▶ Spaetzle (Ei, We)
Vegetables	Broccoli
Salad	Mixed salad

Information on Food Additives and Ingredients:

V = Vegetarian V+ = Vegan

1 = Color Additives 2 = Preservatives 3 = Antioxidants Ma = Almonds Mi = Milk/Lactose We = Wheat
S = Pork from species-appropriate farming conditions Se = Sesame SL = Celery RG = Beef gelatine So = Soy Sf = Mustard
R = Beef from species-appropriate farming conditions Fi = Fish Ha = Oats Hn = Hazelnuts

www.studenterwerk-oldenburg.de

Canteen Lunch Menu Friday, 24 May

Station Classic

Mains	Broccoli-nut patty (Ha, Hn, Ma, Mi, Sl, We) (V) Paprika-herb dip
	Kaiserschmarrn (Egg, Mi, We) (V) with hot cherries and vanilla sauce
	Breaded saithe-fish filet Tartar sauce (1, 3, Egg, Mi, Sl, Sf, We, Fi)
Sides	<ul style="list-style-type: none"> ▶ Fries ▶ Vegetable rice (St)
Vegetables	Peas and sweet corn
Salads	<ul style="list-style-type: none"> ▶ Coleslaw (3, Egg, Mi, Sl, We) ▶ Iceberg lettuce with carrot strips
Soup	Cream of carrot (Mi, Sl)
Dessert	<ul style="list-style-type: none"> ▶ Almond pudding with cream (Ma, Mi) ▶ Plum compote (3) ▶ Fresh fruit

Station Veggie Vegan Pasta

Pasta	Wholegrain pasta casserole with vegetables (Mi, We) (V)
	Fusilli (Mi, We) Feta sauce
Vegetarian Vegan	Hungarian style Seitan goulash Potato dumplings (3, Sl, So, We) (V+)
Salad	<ul style="list-style-type: none"> ▶ Coleslaw (3, Egg, Mi, Sl, We) ▶ Iceberg lettuce with carrot strips
Dessert	<ul style="list-style-type: none"> ▶ Almond pudding with cream (Ma, Mi) ▶ Plum compote (3) ▶ Fresh fruit

Culinarium

Grill Wok	Cevapcici (1, 3, Egg, Mi, Sl, Sf, We) (S, R) Aioli
	Rosemary potatoes with Sour cream dip (1, 2, 3, Egg, Mi, Sl, Sf, We) (V)
Sides	Paprika rice
Vegetables	Mixed vegetables
Salad	Mixed salad

Information on Food Additives and Ingredients:

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