


# DAVID M. WEBER, PhD

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## EDUCATION

### PhD in Information Systems

W. P. Carey School of Business  
Arizona State University  
Tempe, AZ  
2012

### Masters of Business Administration (MBA)

Williams College of Business  
Xavier University  
Cincinnati, OH  
2005

### BA in Business Administration

Minor in Economics  
Taylor University  
Upland, IN  
2003

## DISSERTATION

The Impact of Information  
and Communication  
Technology on  
Intermediation, Outreach,  
and Decision Rights in the  
Microfinance Industry

Committee members:  
Uday Kulkarni (co-chair)  
Frederick Riggins (co-chair)  
Jane Carey (member)

## UNIVERSITY AND RESEARCH APPOINTMENTS

<b>University of Arizona, Eller College of Management Tucson, AZ</b>	<b>2021 - Current</b>
Senior Lecturer of Management Information Systems	
<b>Northern Arizona University, W. A. Franke College of Business Flagstaff, AZ</b>	<b>2014 - 2021</b>
Senior Lecturer of Information Systems	
<b>Arizona State University, W. P. Carey School of Business Tempe, AZ</b>	<b>2008 - 2012</b>
Research and Teaching Assistant	

## SELECTED HONORS

Recipient. Outstanding Professional Development Award for Student Chapters, Association for Information Systems	<b>2017</b>
Nominee. Gold Axe Award. Northern Arizona University	<b>2017</b>
Recipient. Summer research grant. Northern Arizona University	<b>2015 – 2017</b>
<b>Acknowledgement. 3.92 GPA and top of graduating PhD cohort. W. P. Carey School of Business</b>	<b>2012</b>
Recipient. PhD Fellowship, Arizona State University	<b>2008 – 2011</b>
Recipient. GPSA Graduate Research Support Program	<b>2010</b>
Recipient. Kiva Fellowship	<b>2010</b>
<b>Recipient. Wall Street Journal Student Achievement Award, Taylor University</b>	<b>2003</b>
Participant. Oxford Studies Program, Oxford, UK	<b>2002</b>

## PUBLISHED PAPERS

- Riggins, F., and **Weber, D.** Information asymmetries and identification bias in p2p social microlending, *Information Technology for Development*, 2017, 1-20.
- Riggins, F., and **Weber, D.** Exploring the impact of information and communication technology (ICT) on Intermediation Market Structure in the Microfinance Industry, *The African Journal of Information Systems*, 3, 8, 2016, 1-19.
- Weber, D.** and Kauffman, R. What drives global technology adoption outcomes? Analysis and research directions, *Electronic Commerce Research and Applications*, 10, 6, 2011, 683-701.

# DAVID M. WEBER, PhD

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## COURSES TAUGHT

- MIS 331 (U of A) *Database Management Systems*
- MIS 541 (U of A) *Information Systems Analysis and Design*
- MIS 545 (U of A) *Data Mining for Business Intelligence*
- BNAD 515C (U of A) *Business Analytics Strategy*
- CIS 105 (ASU), *Computer Applications and Information Technology*
- CIS 220 (ASU), *Programming Concepts for Accounting Majors*
- CIS 235 (ASU), *Introduction to Information Systems*
- CIS 360 (ASU), *Business Database Concepts*
- ECO 201 (NAU) *Introduction to Business Statistics*
- FIN 497 (NAU), *Microfinance and Microenterprise*
- ISM 120 (NAU), *Introduction to Computer Information Systems*
- ISM 220 (NAU), *Programming Principles*
- ISM 310 (NAU), *Database Analysis, Modeling, and Design*
- MGT 405 (NAU), *International Management*
- MGT 485 (NAU), *Global Programs Engagement Abroad*

## CONFERENCE PAPERS AND PRESENTATIONS

Hilliard, J., Hauffman, A., and **Weber, D.** Risk-taking at the margins: Evidence from simulated auto racing, American Risk and Insurance Association (ARIA) Annual Meeting, August 2021.

**Weber, D.** Too legit to rage quit: Do social ties impact staying power in eSports?, 53rd Hawaii International Conference on Systems Sciences, Maui, Hawaii, January 2020.

**Weber, D.** Ignite talk: Three Vs of big data in eSports, 53rd Hawaii International Conference on Systems Sciences, Maui, Hawaii, January 2020.

Hilliard, J., and **Weber, D.** Sim Racing and Risk Aversion, Western Risk and Insurance Association Meeting, Puerto Vallarta, Mexico, January 2020.

Allen, G., Ball, N., Cox, T., and **Weber, D.** Teaching database management with automated grading technology. EDSIGCon, Las Vegas, Nevada, 2016.

**Weber, D.**, and Riggins, F. Information asymmetries and identification bias in peer-to-peer social microlending, 48th Hawaii International Conference on Systems Sciences, Kauai, Hawaii, January 2015.

**Weber, D.**, and Riggins, F. The impact of ICT on intermediation in the microfinance industry, 46th Hawaii International Conference on Systems Sciences, Maui, Hawaii, January 2013.

**Weber, D.**, Kulkarni, U., and Riggins, F. Breadth and depth: The impact of ICT adoption on outreach capabilities of microfinance institutions, 18th Americas Conference on Information Systems, Seattle, Washington, August 2012.

Riggins, F. and **Weber, D.** A Model of Peer-to-Peer (P2P) Social Lending in the Presence of Identification Bias, International Conference on Electronic Commerce, Liverpool, England, August 2011.

Kauffman, R. and **Weber, D.** Charting the course: a forward-looking assessment on theories, factors, and impacts of global IT adoption, International Conference on Electronic Commerce, Taipei, Taiwan, August 2009.

Demirkan, H., Goul, M., Kauffman, R. and **Weber, D.** Does distance matter? The influence of ICT on bilateral trade flows, Pre-ICIS SIG on Global Development, Phoenix, Arizona, December 2009.

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## INTERNATIONAL AND STUDY ABROAD EXPERIENCE

Faculty Coordinator. NAU Interdisciplinary Global Programs Business Track	2017 – 2020
Program Developer and Faculty Leader. NAU Micro-Entrepreneurship in Southeast Asia Summer Study Abroad Program	2015 – 2018
Lecturer. NAU Short-Term Lecturing Program, Guangzhou and Xian, China	2015
Program Leader W. P. Carey Summer Study Program in Prague, Czech Republic	2010 – 2012
Fellows Member. Kiva Fellows (KF16 Class). Phnom Penh, Cambodia	2011
Participant. Oxford Studies Program, Oxford, UK	2002

# DAVID M. WEBER, PhD

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## SKILLS

### Computer Languages:

- C#
- VB.net
- Python
- Swift
- SQL
- HTML
- CSS
- Javascript

### Database Management Systems:

- Oracle
- SQL Server

### Application Development:

- Console
- Windows forms
- WPF
- ASP.net

### IDEs:

- Visual Studio
- Xcode
- PyCharm
- Dreamweaver

### Statistics and Data Analytics:

- Rapidminer
- Tableau
- SAS
- SPSS
- Stata
- R / RStudio
- LISREL

### Finance and Accounting:

- MS Great Plains
- MS Solomon
- Platinum
- FRx Reporter

### Other:

- MS Office Suite (w/VBA)
- MS Project
- MS Visio
- Lucidchart

## SERVICE TO THE UNIVERSITY

Senator. NAU Faculty Senate	2020 – 2021
Member. NAU-India Global Initiative Committee	2019 – 2021
Faculty Mentor. NAU Undergraduate Symposium	2016 – 2019
Mentor. First Scholars Mentoring Program.	2016 – 2019
Member. NAU Global Learning Initiative Committee	2017

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## SERVICE TO THE COLLEGE

Member. Zipperman's Scholars Committee.	2021 - Current
Member. MISOnline Facilitator Search Committee	2021 - Current
Member. W. A. Franke College of Business Onboarding Committee	2020 – 2021
Faculty Advisor. NAU Information Systems Association (Association for Information Systems Student Chapter)	2015 – 2021
Mentor. W. A. Franke College of Business Information Systems Career Mentoring Program	2015 – 2021
Member. W. A. Franke College of Business Information Systems Advisory Council	2014 – 2021
Member. W. A. Franke College of Business Curriculum Committee	2018
Member. W. A. Franke College of Business Search Committee	2016

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## SERVICE TO THE DISCIPLINE

Ad-hoc Reviewer. Hawaii International Conference on System Sciences	2012 – Current
Ad-hoc Reviewer. Electronic Commerce Research and Applications	2008 – Current
Technical Content Reviewer. Prospect Press	2016
Editorial Assistant. Journal of Information Systems	2010 – 2011
Ad-hoc Reviewer. European Conference on Information Systems	2011

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## PERSONAL INTERESTS AND HOBBIES

- Music (piano, guitar, voice)
- Sports (tennis, basketball, ultimate Frisbee, running, hiking)
- Sim racing
- Computing and technology
- Maps and mapping
- Travel
- Education
- Volunteering
- Vespa riding

## SERVICE TO THE COMMUNITY

Secretary. NightLight International Board of Directors	2019 – Current
Member. NightLight International Board of Directors	2017 – Current
Volunteer. Hope Cottage Women’s Shelter Meal Preparation Team	2017 – Current
Host. The Commons Church of Flagstaff Community Groups	2016 – Current
Member. The Commons Church of Flagstaff Music Team	2016 – Current
Volunteer Event Staff. Pickin’ in the Pines Folk and Bluegrass Music Festival	2014 – 2018

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## PROFESSIONAL EXPERIENCE

### Business and Information Systems Consultant

NightLight International, Bangkok, THAILAND 2008, 2012 – 2014

- Opened a social enterprise providing alternative employment for survivors of human trafficking
- Designed and administered a database for tracking current victims of human trafficking
- Developed information-sharing wikis for staff

### Finance and IT Contractor

L3 Communications, Cincinnati, OH 2007 – 2008

- Migrated Crystal Reports to a web-based interface
- Engineered project management analytics dashboards

### Accounts Manager

Woodstock International School, Mussoorie, INDIA 2006 – 2007

- Overhauled student accounts tracking system
- Resolved student account discrepancies

### Program Finance Manager

Nova Engineering, Cincinnati, OH 2002 – 2006

- Programmed ASP.net web applications for project finance information sharing
- Spearheaded the implementation of a new accounting system, budgeting system, and time-tracking system improving AR lag by 14 days and GL closing by 40 days
- Drafted technical documentation and documentation standards for newly implemented systems
- Responsible for scheduling, allocating resources, risk management and customer interaction on contracts and subcontracts from \$70K to \$2.5M

### Web Developer

Thomas & Galbraith Heating and Cooling, Cincinnati, OH 2002

### Lab Supervisor

Taylor University Educational Technology Center, Upland, IN 2001 – 2002