



## **CONFERENCE PROGRAM**

**June 16 – 18, 2017**

### **Opening Remarks by:**

**Richard V. Simmons**, Conference Organizer and Chair of Asian Languages and Cultures, will introduce:

**Dean Jim Masschaele**, Executive Vice Dean for the School of Arts and Sciences at Rutgers

**Prof. Marjorie K.M. Chan**, from the Ohio State University and founder of NACCL

**Prof. Xun LIU**, Director of the Rutgers Center for Chinese Studies (sends regrets that he cannot make it and good wishes for the success of the conference)

### **Thanks to our abstract reviewers:**

Jenny Yang

Marjorie Chan

Shu-chuan Chen

Yi-Hsun Chen

John Phan

Michael Oppen

Shuhao Shih

Yu Lou

Luca Iacoponi

Richard V. Simmons

Wei Yang

Zoe Lam

### **Guidelines for Chairing the Panels and Session Chairs**

You will note that we have assigned panel presenters as chairs of their sessions. This seemed the best way to share the workload across so many panels and presenters. But it will also require some diligence on the part of the chair during their own presentation. We hope the following guidelines will help make your session, and indeed the entire conference, run smoothly and on-time.

#### **Allotted time**

1. Sessions last 1.5 hours; there are typically 3 papers in each session. We suggest that each presenter be given a maximum of 20 minutes to present followed by 8 minutes for questions and 2 minutes for transition between speakers.
2. In the few sessions in which there are only 2 presenters, please still keep to the time limit because attendees may move between sessions in the expectation that they will hear papers delivered at their assigned times. (The final third of the session may be devoted to further discussion and questions.)

#### **The Chair's role**

1. Please arrive 5 minutes before your session to greet the presenters and remind them of the procedures, timing, etc.
2. Due to time constraints, we ask that you simply introduce the speaker(s) and announce the paper's title.
3. Chairs may keep time themselves, or recruit a fellow conference attendee as time-keeper.
4. Time each 20-minute presentation (not counting the time for questions). In each room, we will provide a set of signs to hold up indicating the time remaining to the speaker (10 min, 5 min, 1 min, STOP).
5. Time keepers should follow strictly the time rules for presentations. If the presenter's time is up, s/he will have to stop, finished or not, out of respect for the next presenter or the next session.
6. Chairs please facilitate the questions portion of each paper—again, adhering strictly to the time limit, in fairness to the next presenter.

#### **Technical issues**

Technical assistance will be available. If technical issues arise, please contact the Registration Desk for assistance.



**Friday, June 16**

8:00-8:45	Registration	<b>Lobby Entrance</b> , Rutgers Academic Building <b>WEST WING</b> , 15 Seminary Place			
8:45-9:30	Opening Ceremony	<b>ROOM AB2125 - WEST WING</b>			
9:30-10:15	<b>Featured Speaker 1</b>	<i>Sociolinguistic Research in Macao</i> , Xu, Daming, University of Macau. <b>ROOM AB2125 - WEST WING</b>			
	<b>AB1100 - WEST WING</b>	<b>AB3100 - WEST WING</b>	<b>AB3200 - WEST WING</b>	<b>AB2200 - EAST WING</b>	<b>AB2250 - EAST WING</b>
	<b>Panel A1: Chinese Dialects/aspect</b>	<b>Panel B1: History of Chinese lexicon/philology</b>	<b>Panel C1: Chinese Dialects/geolinguistics</b>	<b>Panel D1: History of Chinese/syntax</b>	<b>Panel E1: Chinese Dialects/function words</b>
	<b>Chair: Carine Yuk-man Yiu</b>	<b>Chair: Sun, Yuwen</b>	<b>Chair: Huang, Chu-Fang</b>	<b>Chair: Li, Xiang</b>	<b>Chair: -Chiu, Kam Cheong</b>
<b>10:30-11:00</b>	<b>Pan, Junquan/Ohio State University</b> Differences between 「V 一 下」 and 「V 一陣」 in Cantonese: A Preliminary Corpus-based Study	<b>Sun, Yuwen/Peking University</b> 談「畫圖省識春風面」 的「省」	<b>Huang, Chu- Fang/National Central University(Taiwan)</b> 臺灣桃園市觀音區客家 話的微觀空間分布	<b>Li, Xiang/Xiamen University</b> 「真假定中」還是「顛倒 主謂」？——也談 「Num+CL (+的) +NP」結構的句法性質與 形成機制	<b>Chiu, Kam Cheong/Teachers College, Columbia University</b> Examining the Stretched Utterance-final Particle lō as a Turn-holding Device in Cantonese Conversation
<b>11:00-11:30</b>	<b>Wang, Yanjun/Jinan University</b> 釋青島方言中的時間詞「趲 趕儿」	<b>Tao, Lian/Fudan University</b> 《康熙字典》中的簡化 字	<b>Xu, Binbin/Xiamen University</b> 閩南方言全濁上聲字的 地理分布問題	<b>Liu, Lei/Stony Brook University</b> Applicative Shift in Mandarin SOV Word Order	<b>Lu, Wen/The University of Hong Kong</b> Strong and Weak Pronouns in Tunxi Hui Chinese
<b>11:30-12:00</b>	<b>Yiu, Carine Yuk-man/The Hong Kong University of Science and Technology</b> The 「X + A + guo 過 + Y」 comparative construction in Cantonese and Minnan	<b>Wang, Sicheng/University of Massachusetts</b> A Research on the Error Types in Four Editions of Bǎijiā xìng 百家姓 in hP'ags-pa Script	<b>Zhu, Junling/University of Massachusetts</b> Lexical Diffusion in Sound Changes in the Dialects of Immigrant Communities of Linyi City	<b>Liu, Yanru/ Jilin University</b> 现代汉语紧缩结构 “了个”的语义功能及 其语法化历程研究	<b>Chow, Pui lun/The University of Hong Kong</b> Syntax_Semantic Interface of Cantonese Passives with Specific Indefinite Subjects
<b>12:30</b>	<b>LUNCH on your own</b>				

*Continued on next page.*

**Friday, June 16** *continued*

	<b>AB1100 - WEST WING</b>	<b>AB3100 - WEST WING</b>	<b>AB3200 - WEST WING</b>	<b>AB2200 - EAST WING</b>	<b>AB2250 - EAST WING</b>
	<b>Panel A2: History of Chinese/aspect, morphology</b>	<b>Panel B2: History of Chinese dialects/phonology</b>	<b>Panel C2: Chinese Dialects/ geolinguistic</b>	<b>Panel D2: History of Chinese/semantics</b>	<b>Panel E2: History of Chinese/syntax</b>
	<b>Chair Wang, Wenhao</b>	<b>Chair Chan, Abraham</b>	<b>Chair Opper, Michael</b>	<b>Chair Kuo, Pei-Jung</b>	<b>Chair Yeh, Hsin-hung</b>
<b>1:30-2:00</b>	<b>Han, Peng/University of Calgary</b> A force-theoretical approach to ba- construction	<b>Chan, Abraham/Hong Kong Nang Yan College of Higher Education</b> Sound Change in Nineteenth-century Cantonese	<b>Dong, Hongyuan/George Washington University</b> Linguistic Diversity of Chinese Dialects: A Digital Geography Perspective	<b>Ho, Hsin-Yi/National Taiwan University</b> <b>Teaching Chinese as Second Language Program</b> 漢語飲食詞彙裡情慾隱喻 之歷時性研究	<b>Chiang, Yu- Chuan/University of Michigan</b> A Movement Analysis of Right Dislocation: The Case of Mandarin Chinese
<b>2:00-2:30</b>	<b>Wang, Wenhao/Jinan University</b> 從致使動詞到目的標記 — —海外華語中「俾」字句的 來源及演變	<b>Alves, Mark/ Montgomery College</b> Chinese Influence on Vietnamese Pronouns and Terms of Address and Reference	<b>Jin, Dawei/Shanghai Jiao Tong University</b> Xi in Sinitic languages: The reinstatement of a marginalized copula	<b>Kuo, Pei-Jung/National Chiayi University</b> The BEI Era and the Double Object Construction in Mandarin Chinese	<b>Li, Haoze/New York University</b> Repairing binding principle effects in Mandarin
<b>2:30-3:00</b>	<b>Cheng, Gong/Zhejiang University</b> A distributed Morphology approach to extent phrases in Chinese	<b>Lin, Chihkai/ Soochow University, Taiwan</b> Common Mandarin Chinese Revisited: focusing on initials	<b>Opper, Michael/ Southwest University in Chongqing</b> Mapping Linguistic Boundaries in China with QGIS	<b>Yu, Ning/Pennsylvania State University</b> The IMPORTANCE IS SIZE Metaphor in Chinese	<b>Yeh, Hsin-hung/Stanford University</b> On Grammaticalization of Dui in Chinese
<b>3:00-3:15</b>	<b>Coffee – Lobby, WEST WING</b>				

*Continued on next page.*

**Friday, June 16** *continued*

	<b>AB1100 - WEST WING</b>	<b>AB3100 - WEST WING</b>	<b>AB3200 - WEST WING</b>	<b>AB2200 - EAST WING</b>	<b>AB2250 - EAST WING</b>
	<b>Panel A3: History of Chinese dialects/geolinguistic</b>	<b>Panel B3: History of Chinese dialects/sino-tibetan- mien</b>	<b>Panel C3: History of Chinese dialects/phonology</b>	<b>Panel D3: History of Chinese parts of speech/particle</b>	<b>Panel E3: Chinese Dialects/aspect</b>
	<b>Chair Cortiço dos Santos, Miguel</b>	<b>Chair Li, Jianqiang</b>	<b>Chair Chen, Shu- chuan</b>	<b>Chair Tanenbaum, Russell</b>	<b>Chair Yang, Wenjiang</b>
<b>3:15-3:45</b>	<b>Cortiço dos Santos, Miguel/The University of Tokyo</b> Phylogeny vs. Taxonomy: On the History of Coastal Min Dialects	<b>Li, Jianqiang/Renmin University of China</b> 從對音材料看中古漢語西 北音日母的發展	<b>Chen, Shu- chuan/National Tsinghua University</b> 台灣新竹縣市同安腔閩 南語之語音變異	<b>Pavlova, Alena/Moscow City University</b> Patterns of evolutionary change of the sentence-final particles' functions in Chinese languages	<b>Chen, Jiajun/Fudan University</b> 方式狀語與新興話語標記 的產生——上海方言「好 好叫」
<b>3:45-4:15</b>	<b>Li, Wuwei/Xiamen University</b> 《韻鏡》與閩南方音比較— 兼論小川尚義方言地理意 識	<b>Li, Jun/Nan Chang University</b> A Study on the Actual Phonology of Tai Gu Yuan Yin 太古元音 and Changzhou 常州 Dialect of the 18th Century	<b>Hu, Hai/Indiana University</b> Path of Vowel Raising in Chengdu Dialect of Mandarin	<b>Tanenbaum, Russell/Stony Brook University</b> Dependencies Between Adverbs and Sentential Particles, In and Beyond Mandarin	<b>Wu, Chia-fen/USC</b> Perfect and Aspects: On the Taiwanese Southern Min bat
<b>4:15-4:45</b>	<b>Zheng, Mingzhe/Michigan State University</b> Language Attitude and Linguistic Practice of Northeastern Immigrants in Beijing, China	<b>Yoshikawa, Masayuki/The University of Tokyo</b> The Rhyme System and Its Feature in the Pronunciation of Chinese Characters Used in Mien Language	<b>Wong, Wunyu/The Chinese University of Hong Kong</b> 客家話中古止攝開口字 元音的歷史層次初探	<b>Zhou, Mi/The Hong Kong Polytechnic University</b> Exhaustivity and strict scale properties of focus particle pianpian in Mandarin Chinese	<b>Yang, Wenjiang/Nan Kai University</b> 萊州方言「道個」的歷史 來源
<b>5:00-5:45</b>	<b>Featured Speaker 2</b>	<b>The China Urban Language Survey Project 2003 – 2016: Main results, Marinus van den Berg, Leiden University. ROOM AB2125 - WEST WING</b>			

*Continued on next page.*

**Saturday, June 17**

8:45-9:30	<b>Featured Speaker 3</b>	Wenyan <i>Syntax as a Context-free Formal Grammar</i> , David Prager Branner(茶米), Recurse Center, New York <b>ROOM AB2125 - WEST WING</b>			
9:30-10:15	<b>Featured Speaker 4</b>	<i>Extra-linguistic Determiners of Salient Cross-Straits Linguistic Developments in Chinese – The Big Data Approach</i> , Benjamin Tsou, City University of Hong Kong. <b>ROOM AB2125 - WEST WING</b>			
	<b>AB1100 - WEST WING</b>	<b>AB2100 - WEST WING</b>	<b>AB2150 - WEST WING</b>	<b>AB3100 - WEST WING</b>	<b>AB3200 - WEST WING</b>
	<b>Panel A4: Chinese Dialects</b>	<b>Panel B4: Sociolinguistics</b>	<b>Panel C4: Multilingualism</b>	<b>Panel D4: History of Chinese parts of speech</b>	<b>Panel E4: History of Chinese</b>
	<b>Chair Lee, Johnny</b>	<b>Chair Lu, Lu</b>	<b>Chair Lam, Zoe Wai-Man</b>	<b>Chair Li, Ang</b>	<b>Chair Zhang, Chong</b>
10:30-11:00	<b>Lee, Johnny/National Taiwan Normal University</b> The Tonal System of Aceh Hakka	<b>Lu, Lu/College of William and Mary</b> The tone-tune relationship problems in Shanghai Opera	<b>Su, Hung-Kuan/National Taiwan Normal University</b> Japanese and English CSL learners' Acquisition of Chinese Dative Construction	<b>Cheng, Yi-Yang/University of California, Santa Barbara</b> (Inter)subjectification across the Strait: The Emergence of zhengge in Taiwan Mandarin Revisited	<b>Zhang, Chong/Stony Brook University</b> A study of Mandarin RC attachment preferences
11:00-11:30	<b>Chen, Yi-Jen/National Chengchi University of Taiwan</b> Taiwan Mandarin Tone Sandhi and the Intonational Phrase	<b>Chen, Spencer/UCLA</b> 「Standard Mandarin」 as An Ideologically Construed Language: A Case of Taiwan's Voice-Over Industry	<b>Lam, Zoe Wai-Man/University of British Columbia</b> Tone identification strategies used by heritage Cantonese speakers in Canada	<b>Li, Ang/Rutgers University</b> Mandarin verbal classifiers and pseudo-incorporation	<b>Chen, Annie/Amherst University</b> Closeness of Mandarin Varieties and the Mechanism of Mandarin Variation
11:30-12:00	<b>Oakden, Chris/Rutgers University</b> Checked Tone Merger in Nanjing Mandarin: An Acoustic Analysis	<b>Wu, Chinwei/National Taiwan Normal University</b> 臺灣華語濁擦音/z/的認知:社會語言學調查	<b>Hu, Chia-yin/National Taiwan Normal University</b> Information Structure in English, Mandarin Chinese and Taiwanese Southern Min: Argument Realization	<b>Chen, Zhong/Rochester Institute of Technology</b> Proactive Interference in Processing Local and Long-Distance Chinese Reflexive Ziji	<b>Bogushevskaya, Victoria/Università Cattolica del Sacro Cuore, Italy</b> Modern Standard Mandarin lacks a basic colour term for ORANGE: formal and experimental proofs

*Continued on next page.*

**Saturday, June 17** *continued*

12:30	<b>LUNCH</b> on your own				
	<b>AB1100 - WEST WING</b>	<b>AB2100 - WEST WING</b>	<b>AB2150 - WEST WING</b>	<b>AB3100 - WEST WING</b>	<b>AB3200 - WEST WING</b>
	<b>Panel A5: Multilingualism</b>	<b>Panel B5: Sociolinguistics</b>	<b>Panel C5: Sociolinguistics</b>	<b>Panel D5: History of Chinese parts of speech</b>	<b>Panel E5: Language Acquisition</b>
	<b>Chair Huang, Ting</b>	<b>Chair Lin, Chien-Jer Charles</b>	<b>Chair Chen, Yi-An</b>	<b>Chair Hsu, Chan-Chia</b>	<b>Chair Yeh, Stephanie</b>
<b>1:30-2:00</b>	<b>Xu, Yi/Wuhan University</b> 馬來西亞華語的歷史考察	<b>Lin, Chien-Jer Charles/Indiana University</b> Head-Modifier Relations in Europeanized Chinese: Linguistic Authenticity and Sentence Processing	<b>Yi, Li/China Agricultural University</b> A Socio-study of an in- process tone variation on Lanzhou Dialect	<b>Chen, Zhuo/The Graduate Center, City University of New York</b> Modified numerals and distributivity in Mandarin	<b>Dai, Ruyi/University of Cambridge</b> The Short bei Passive in L2 Chinese
<b>2:00-2:30</b>	<b>Huang, Ting/Massachusetts Institute of Technology</b> A 「Fifth」 Tone in Malaysian Mandarin: Tonal Variation or Emergent New Tone?	<b>Ginting, Andre/University of Indonesia</b> Requests by Mainland and Taiwan Chinese: A study of sociopragmatic variation	<b>Chen, Yi-An/University of Florida</b> Language policy and linguistic purism: Ideological perspectives from Chinese authorities and Interne	<b>Hsu, Chan-Chia/Foreign Language Center, Feng Chia University</b> Antonym Co-occurrences in Spoken Chinese	<b>Yang, Huiling/Quemoy University</b> The Use of Connectives in Bilingual Texts
<b>2:30-3:00</b>	<b>Zhang, Liulin/The University of Hawai'i at Mānoa</b> The Typology of Labile Verbs and Chinese	<b>Li, Jiachun/ Northeast Normal University/Heilongjiang University</b> On the Diachronic Changes of the Lexicalization Patterns of Chinese Events of Realization	<b>Wang, Qian/The Ohio State University</b> Xin [uen] Lianbo? Language Attitudes towards W/V-type Phonetic Variation in Putonghua	<b>Gao, Yongan/Renmin University of China</b> The Pronoun System of Zhumadian Dialect 驻马店 方言的代词	<b>Yeh, Stephanie/National Taiwan Normal University(NTNU)</b> Language Transfer in Japanese and English CSL Learners' L2 Responses to Complaints
<b>3:00-3:15</b>	<b>Coffee – Lobby, WEST WING</b>				

*Continued on next page.*



**Saturday, June 17** *continued*

	AB1100 - WEST WING	AB2100 - WEST WING	AB2150 - WEST WING	AB3100 - WEST WING	AB3200 - WEST WING
	<b>Panel A6: Multilingualism</b>	<b>Panel B6: Sociolinguistics</b>	<b>Panel C6: Linguistics</b>	<b>Panel D6: History of Chinese dialects</b>	<b>Panel E6: Language Acquisition</b>
	<b>Chair Yang, Tianqi</b>	<b>Chair Lin, Yuhan</b>	<b>Chair Park, Hyunjun</b>	<b>Chair Coles-Harris, Evan</b>	<b>Chair Kang, Hana</b>
<b>3:15-3:45</b>	<b>Liu, Yaobin/Stony Brook University</b> Stress shift in Mandarin speakers' perception of English lexical stress	<b>Lin, Yuhan/The Ohio State University</b> When South Meets North: Audience-based Style-shift in Mandarin	<b>Lee, So Young et al./Stony Brook University</b> Prosody and wh-scope interpretation in Chinese	<b>Xu, Dan/INALCO, France</b> The Xuejiawan language- From an interdisciplinary perspective	<b>Kang, Hana/University of Notre Dame</b> The Analysis of Chinese Learners' Recognition and Handwriting Processes of Chinese Characters
<b>3:45-4:15</b>	<b>Yang, Tianqi/Tulane University</b> English loanword adaptation in New York City Fuzhou Diaspora	<b>Xiao, Sa/ Shenzhen University</b> On Mitigation in Courtroom Discourse—A Case Study of Chinese Courtroom	<b>Hsiao, Yuchau / National Chengchi University</b> Intonational Phrasing in Zhuolan Raoping	<b>Coles-Harris, Evan/University of Colorado Boulder</b> Language contact, phonetic convergence, and dialect change in Nanjing, China	<b>Liu, Te-hsin/National Taiwan University</b> Regularity and Idiomatcity of Chinese Four-character Idioms: The Case of Yi-X-#-Y
<b>4:15-4:45</b>	<b>Li, Tian/University of Edinburgh</b> Topic-Prominence in Archaic Chinese and Old English	<b>Yang, Wei/South China University of Technology</b> 方言类型学分析在归属难明 的土话研究中的意义-- -- 以 湘西乡话为例中国广州	<b>Park, Hyunjun/Chungbuk National University</b> Long-distance anaphors and the blocking effect revisited	<b>Su, Henghua/Indiana University, Bloomington</b> Historical Change of Diminutives in Southern Wu Dialects	<b>Wang, Jingqiu/Northeast Normal University</b> 中文語境下的語碼轉換 及對二語教學的啟示
	<b>Plenary Panel</b> <b>ROOM AB2125 - WEST WING</b>				
<b>5:00-6:30</b>	<i>When generalizations are too general: the case of complex sentences in Mandarin Chinese, Paris, Marie Claude, Université Paris</i> <b>Diderot Sun Zhongshan's (孫中山) Spoken Mandarin: Glimpses from his 1924 Audiorecording, Chan, Marjorie, The OHIO State</b> <b>University 蟹攝開口一等在原始閩語中的層次分析及相關問題, Wu, Rui-wen, Institute of Linguistics, Sinica</b>				
<b>6:45-</b>	<b>Banquet - New Brunswick Theological Seminary, 35 Seminary Place</b>				

*Continued on next page.*



**Sunday, June 18**

	<b>AB1100 - WEST WING</b>	<b>AB2100 - WEST WING</b>	<b>AB2150 - WEST WING</b>	<b>AB3100 - WEST WING</b>	<b>AB3200 - WEST WING</b>
	<b>Panel A7: Typology, Morphology</b>	<b>Panel B7: History of Chinese</b>	<b>Panel C7: History of Chinese</b>	<b>Panel D7: Linguistics</b>	
	<b>Chair Li, Chao</b>	<b>Chair Xu, Beibei</b>	<b>Chair Rice, Jeffrey</b>	<b>Chair Wang, Sheng-Fu</b>	
<b>8:45-9:15</b>	<b>Li, Chao/CUNY</b> Mandarin RVCs and the BA-Construction	<b>Liu, Chen-Sheng/National Chiao Tung University</b> A Comparative with Double Comparison	<b>Rice, Jeffrey/Seton Hall University</b> Old Words in New Syntax: 「Ancient Style prose」 and Modern Syntax	<b>Wang, Sheng-Fu/New York University</b> Onset voicing and tone distribution in the Taiwanese lexicon	
<b>9:15-9:45</b>	<b>Wei, Ting-Chi/National Kaohsiung Normal University</b> Typology of Fragment Answer: A cross-linguistic view	<b>Xu, Beibei/Rutgers University</b> Belief update in Kratzerian Modality theory	<b>Yu, Shuo/Lancaster University</b> The acceptability of ba+subject-oriented resultative construction in Chinese	<b>Shih, Shu-hao/Rutgers University</b> Phrase-final lengthening in Taiwan Mandarin	
<b>9:45-10:15</b>	<b>Lyu, Siqi/Beihang University</b> Concession or contrast: A corpus-based study of suiran ('although') in Mandarin Chinese	<b>Ma, Yanxiao/Memorial University of Newfoundland</b> Parameterizing Variation on Resultative Constructions in Chinese Dialects	<b>Zhong, Liang/Center for Studies of Chinese as a Second Language</b> 動詞重疊加結果補語格式的接受度調查	<b>Zhang, Lan/University of Memphis</b> Learners' Choice of Nominal Forms to Introduce a New Referent in Chinese Discourse	
<b>10:30-11:00</b>	<b>Closing Ceremony</b> <b>ROOM AB2125 - WEST WING</b>				

*Continued on next page.*

## Thank You to Our Team!

---

### Organizing Committee

Richard V. Simmons  
Jenny Yang  
John Phan

Luca Iacoponi  
Qixia ZHANG  
Wei YANG

Yu LOU

---

### *Our generous sponsors!*

Rutgers University, Department of Asian Languages and Cultures - <http://asianlanguages.rutgers.edu/>  
Rutgers Center for Chinese Studies (**RCCS**) - <http://rccs.rutgers.edu/>  
The Confucius Institute of Rutgers University (**CIRU**) - <http://www.ciru.rutgers.edu/>

---

Rutgers University, Office of Continuing Professional Education facilitated logistics for this program.

**Dalynn Knigge**, Senior Program Coordinator  
Phone: 848-932-7315 | Email: [knigge@rutgers.edu](mailto:knigge@rutgers.edu)

**Bianca Kovalenko**, Assistant Program Coordinator  
Phone: 848-932-7316 | Email: [b.kovalenko@rutgers.edu](mailto:b.kovalenko@rutgers.edu)