

## **Stephen D. Batiuk, Ph.D.**

**Archaeology Centre, Dept. of Anthropology  
Dept. of Near & Middle Eastern Civilizations**

**University of Toronto  
4 Bancroft Ave, 2<sup>nd</sup> Floor  
Toronto, ON, CANADA  
M5S 1C1**

**(416)-978-5865**

**(647)-470-8164**

[stephen.batiuk@utoronto.ca](mailto:stephen.batiuk@utoronto.ca)

### **EDUCATION**

- Ph.D. Near Eastern Archaeology, University of Toronto (2005).  
Dissertation: *Migration Theory and the Early Transcaucasian Problem*.  
Major: West Asian Archaeology; 1<sup>st</sup> Minor: Syro-Palestinian Archaeology;  
2<sup>nd</sup> Minor: Akkadian
- M.A. Ancient Studies, University of Toronto (1998).
- B.A. Classical Studies, University of Ottawa (1996).

### **CURRENT EMPLOYMENT**

Senior Research Associate in Archaeoinformatics and Ancient Near Eastern Civilizations,  
Archaeology Centre, Dept. of Anthropology, Dept. of Near & Middle Eastern Civilizations,  
University of Toronto  
Lecturer, Dept. of Near & Middle Eastern Civilizations, University of Toronto

### **RESEARCH INTERESTS**

- Development of Complex Societies and Urbanization
- Near Eastern Archaeology: Bronze and Iron Age Periods
- Ceramic Analysis and Ceramic Petrography
- GIS, 3D Modeling and Computer Applications in Archaeology
- Geomorphology and Landscape Archaeology

### **AWARDS AND FELLOWSHIPS**

Archaeological Institute of America Kershaw Lectureship in Near East Archaeology (2016)  
Postdoctoral Fellowship in Archaeoinformatics and Ancient Near Eastern Civilizations, University  
of Toronto (2012-2014, Value \$50,000 Can/year)  
Andrew W. Mellon Postdoctoral Fellow in the Humanities, Johns Hopkins University (2008-2010,  
Value: \$50,000 US/year)  
Andrew W. Mellon Postdoctoral Fellow in the Humanities, University of Toronto (2004- 2006,  
Value: \$43,000 Can/year).  
Halbert Foundation Post-Doctoral Fellowship (2004, Value: \$20,000 Can; declined).

Dissertation Completion Grant, University of Toronto (2003, Value: \$3000 Can).  
Research Fellowship, American Research Institute in Turkey (2002, Value: \$7300 US).  
University of Toronto Travel Fellowship (2001, Value: \$2000 Can).  
University of Toronto Open Fellowship (1998-2003, Value: \$13,000 Can/year).  
Promising New Student Fellowship, University of Toronto (1999, Value: \$10,000 Can).

#### **GRANTS:**

- 2015** Curtiss T. and Mary G. Brennan Foundation Program in Support of Archaeological Field Research, Application Title: The Sajoge Archaeological Project: Investigating Middle Bronze Age Occupation in the Tbilisi Region of Eastern Georgia. Status: **Awarded**, Value: \$5000 US
- 2015** University of Toronto Archaeology Centre Innovation Fund, Application Title: The Sajoge Archaeological Project: Investigating Middle Bronze Age Occupation in the Tbilisi Region of Eastern Georgia. Status: **Awarded**, Value: \$2500
- 2015** Social Science and Humanities Research Council of Canada Standard Research Grant, Application Title: *Tell Tayinat Archaeological Project: Investigating Early State Formation*. Collaborator with T.P. Harrison P.I. Status: **Awarded**, Value: \$270,000 Can
- 2010** Social Science and Humanities Research Council of Canada Standard Research Grant, Application Title: *Tell Tayinat Archaeological Project: Investigating Early State Formation*. Collaborator with T.P. Harrison P.I. Status: **Awarded**, Value: \$100,000 Can
- 2008** Johns Hopkins University: Strategic Research Equipment Grant. Grant to develop and build a geospatial computer lab for the Near Eastern Department. Status: **Awarded**, Value: \$44,000 US
- 2007** Social Science and Humanities Research Council of Canada Standard Research Grant, Application Title: *Tell Tayinat Archaeological Project: Investigating Early State Formation*. Collaborator with T.P. Harrison P.I. Status: **Awarded**, Value: \$250,000 Can
- 2002** American Research Institute in Turkey, Research Fellowship. Status: **Awarded**, Value: \$5000 USD

#### **TEACHING EXPERIENCE**

- 2012-present: Lecturer**, University of Toronto, Toronto, Canada.  
Dept. of Near & Middle Eastern Civilizations. Teaching NMC 260Y: Introduction to the Archaeology of the Near East
- 2011-2012: Lecturer**, Koç University, Istanbul, Turkey.  
Department of Art & Archaeology. Teaching Humanities 103: Foundations of Civilization
- 2010-11: Lecturer**, Koç University, Istanbul, Turkey.  
Department of Art & Archaeology. Teaching Civilizations 201
- 2010: Lecturer**, Johns Hopkins University, Baltimore, USA  
Department of Near Eastern Studies. Teaching AS 130.355\_131.655: Advanced Method and Theory in Archaeology II: Ceramics of the Eastern Mediterranean
- 2009: Lecturer**, Johns Hopkins University, Baltimore, USA  
Department of Near Eastern Studies. Teaching AS 130.177: World Prehistory
- 2008: Lecturer**, Johns Hopkins University, Baltimore, USA

Department of Near Eastern Studies. Teaching AS 130.354\_131.654: Advanced Method and Theory in Archaeology

**2007: Lecturer**, University of Toronto, Toronto, Canada.

Dept. of Near & Middle Eastern Civilizations. Teaching NMC 260Y: Introduction to the Archaeology of the Near East and NMC 463Y: Landscapes of the Ancient Near East

**2006: Lecturer**, University of Toronto, Toronto, Canada.

Dept. of Near & Middle Eastern Civilizations. Teaching NMC 363F: The Archaeology of Pre & Proto-Historic Mesopotamia and NMC 364W: The Archaeology of Historic Mesopotamia

**Lecturer**, Wilfrid Laurier University, Waterloo, Canada. Teaching NE 101: First Civilizations: Egypt and Mesopotamia

**2005: Lecturer**, University of Toronto, Toronto, Canada.

Dept. of Near & Middle Eastern Civilizations. Teaching NMC 463Y: Landscapes of the Ancient Near East

**2004: Lecturer**, University of Toronto, Toronto, Canada.

Dept. of Near & Middle Eastern Civilizations. Teaching NMC 260Y: Introduction to the Archaeology of the Near East

**2003: Lecturer**, University of Toronto, Toronto, Canada.

Dept. of Near & Middle Eastern Civilizations. Teaching NMC 260Y: Introduction to the Archaeology of the Near East

**2000: Lecturer**, Wilfrid Laurier University, Waterloo, Canada. Teaching AR206: The Archaeology of Mesopotamia

**2003: Teaching Assistant and Archaeology Lab Supervisor**, Dept. of Near & Middle Eastern Civilizations, University of Toronto. NMC 260Y: Introduction to the Archaeology of the Near East.

**1999-2003: Teaching Assistant**, University of Toronto, Dept. of Near & Middle Eastern Civilizations. NMC 260Y: Introduction to the Archaeology of the Near East.

#### **PUBLICATIONS**

**2015** A Stele of Sargon II at Tell Tayinat. in *Zeitschrift für Assyriologie und Vorderasiatische Archäologie* [with Jacob Lauinger]

**2015** 2014 Tayinat Kazıları ve Araştırmaları. in *Kazı Sonuçları Toplantısı* 37/1. [Second Author]

**2014** 2013 Tayinat Kazıları ve Araştırmaları. in *Kazı Sonuçları Toplantısı* 36/2. [Second Author]

**2013** The Fruits of Migration: Understanding the 'Long Dureé' and the socio-economic relations of the Early Transcaucasian Culture. in *Journal of Anthropological Archaeology* 32 (2013) 449–477

**2013** 2012 Tayinat Kazıları ve Araştırmaları. in *Kazı Sonuçları Toplantısı* 35/2. [Second Author]

**2012** 2011 Tayinat Kazıları ve Araştırmaları. in *Kazı Sonuçları Toplantısı* 34/2: 105-18. [Second Author]

**2011** Tayinat in the Late Third Millennium: Recent Investigations of the Tayinat Archaeological Project. in *Anatolica* 37 [Second Author]

**2011** 2010 Yili Tayinat Höyük Kazıları. in *Kazı Sonuçları Toplantısı* 33. [Second Author]

**2010** 2009 Yili Tayinat Höyük Kazıları. in *Kazı Sonuçları Toplantısı* 32. [Second Author]

- 2009** Temple Deep Sounding Investigations 2001-2005 in *The Amuq Valley Regional Projects. Vol. II*
- 2009** 2008 Yili Tayinat Höyük Kazilari. in *Kazi Sonuçlari Toplantisi* 31. [Second Author]
- 2008** 2007 Yili Tayinat Höyük Kazilari. in *Kazi Sonuçlari Toplantisi* 30. [Second Author]
- 2007** Ancient Landscapes of the Amuq: Geoarchaeological Surveys of the Amuq Valley 1999-2006 in *Bulletin of the Canadian Society of Mesopotamian Studies* Vol. 41
- 2007** Early Transcaucasian Cultures and their Neighbors: Unraveling Migration, Trade, and Assimilation. With Mitchell Rothman, in *Expedition* Vol. 49:1. P.7-17. [Lead Author]
- 2007** 2006 Yili Tayinat Höyük Kazilari. in *Kazi Sonuçlari Toplantisi* 29. [Second Author]
- 2006** 2005 Yili Tayinat Höyük Kazilari. in *Kazi Sonuçlari Toplantisi* 28. [Second Author]
- 2005** 2004 Yili Tayinat Höyük Kazilari. in *Kazi Sonuçlari Toplantisi* 27. [Second Author]
- 2005** The Tell Atchana Mapping and GIS Project. Pp. 145-52, in *The Amuq Valley Regional Projects. Vol. I: Surveys in the Plain of Antioch and Orontes Delta, Turkey, 1995-2002*. Edited by K. Aslihan Yener. Oriental Institute Publications, No. 131. Chicago: Oriental Institute of the University of Chicago.
- 2005** The Ta'yinat Survey, 1999-2002. Pp. 171-92, in *The Amuq Valley Regional Projects. Vol. I: Surveys in the Plain of Antioch and Orontes Delta, Turkey, 1995-2002*. Edited by K. Aslihan Yener. Oriental Institute Publications, No. 131. Chicago: Oriental Institute of the University of Chicago. [Second Author]
- 2005** 2003 Tayinat Jeomanyetik Arastirmasi. in *Arkeometri Sonuçlari Toplantisi* 20: 153-58. [Second Author]
- 2004** The 2002 Ta'yinat Archaeological Project Geomagnetic Survey. in *Arkeometri Sonuçlari Toplantisi* 19: 121-30. [Second Author]
- 2002** Miercurea Sibiului-Apoldu de Jos. in *Cronica Cercetarilor Arheologice* 2001: 143. [Third Author]
- 2001** The 1999 Amuq Valley Regional Project Survey. *Arastirma Sonuçlari Toplantisi* 18: 181-86. [Second Author]
- 2000** Exploratory results of the petrographic analysis of the Early Transcaucasian ceramics of the Bayburt region. *Ancient Near Eastern Studies* 37:153-163

#### **ARTICLES IN PRESS**

Ancient Viticultural Landscapes: The Case for the Early Transcaucasian Culture. To appear in: *Of Vines and Wines: The Production and Consumption of Wine in Anatolian Civilizations Through the Ages*. Ancient Near Eastern Studies Supplement Series. Ed. Lucienne Senocak. Peeters Press, Leuven. (2015)

The Metals Trade and Early Bronze Age Craft Production at Tell Tayinat. To appear in *Overturing Certainties: A Festschrift Presented to K. Aslihan Yener in Honor of Forty Years of Field Archaeology in the Eastern Mediterranean*. Çiğdem Maner, Allan Gilbert, and Mara Horowitz Eds. Brill Press, Leiden. (2016) [with T.P. Harrison]

#### **ARTICLES IN PREP**

Shifting Networks and Community Identity At Tell Tayinat in the Iron IA-B (ca. 12th-mid 11th Cent. BCE). To be submitted to the *American Journal of Archaeology* [with T.P. Harrison, L. Welton, E. Unlu]

The Neo-Hittite Kingdom of Patina/Unqi: Recent Investigations at Tell Tayinat in the North Orontes Valley, Turkey. To be submitted to *Bulletin of the American School of Oriental Research* [with T.P. Harrison, J. Osborne, L. Welton]

*Pre-Aksumite Rural Life at Mezber, Northeastern Ethiopia*. [with A.C. D'Andrea, and, L. Welton]

Workflow for the Visualization of Archaeological Ceramics [with L. Welton and M. Chazan]

Fuel for thought: The Role and Economics of Charcoal in the Ancient World. To be submitted to *Journal of Anthropological Archaeology* [Lead Author]

#### **BOOKS IN PREP**

The University of Chicago Excavations at Tell Ta'yinat, Amuq Plain, Turkey. To be submitted to The Oriental Institute Press. [with H. Snow]

#### **BOOK REVIEWS**

**2013** Review of David W Phillipson, *Foundations of an African Civilization: Aksum & the Northern Horn 1000 BC – AD 1300*. in *Canadian Journal of African Studies* 47/2: 337-339

**In prep** Review of Current Research at Kültepe-Kanesh: An Interdisciplinary and Integrative Approach to Trade Networks, Internationalism, and Identity. To Appear in *Bulletin of Canadian Society for Mesopotamian Studies*

#### **FIELDWORK EXPERIENCE**

**2015:** Co-Director, Sajoge Excavations, Georgia

**2015:** Assistant Director, Gadachrili Gora Excavations, Georgia

**2004-2015:** Director of Excavations, Tell Tayinat Archaeological Project Turkey

**2007-2009:** Director of Excavations, Eastern Tigray Archaeological Project, Ethiopia

**2008:** Project Director, Tbilisi Region Archaeological Project Survey, Georgia

**2005-2006:** Survey Team Member, Gulo Makeda Survey, Ethiopia

**1999-2002:** Survey Team Member and Computer Technician, AVRIP Survey, Turkey

**2001:** Assistant Director, Apoldu de Jos Tumulus Complex: Miercurea Project, Romania

**2000:** Field Archaeologist, Tell Yaqush Excavations, Israel

**1999:** Field Archaeologist, Kurdu Excavations, Turkey

**1999:** Survey Team Member and Computer Technician, Gordion Regional Survey, Turkey

**1998:** Field Archaeologist, CRM excavation work at the Supreme Court of Canada

**1997:** Field Archaeologist, Gordion, Turkey

**1995-1996:** Field Archaeologist, St. Bertrand du Comminges, France

## MUSEUM/ CURATORIAL EXPERIENCE

- 2013-4:** Tayinat Exhibit at new Antakya Archaeological Museum
- 2008:** Map display production for new Near Eastern and South East Asian Exhibits
- 2007-2008:** Production of maps and video displays for Royal Ontario Museum upcoming exhibition (2008) on the Trypillian Culture, Curator Kryztof Ciuk
- 2007- 2008:** Map production for publication of Royal Ontario Museum Excavations at Godin Tepe, Mitchell Rothman & Hilary Gopnik Editors
- 1997 to 2005:** Tour Guide, Royal Ontario Museum, Toronto, Canada

## CONFERENCE PAPERS

- 2015** The Tell Tayinat Archaeological Project: 2013-2015. Presented at the Annual Meetings of the American Schools of Oriental Research, Atlanta, November 18-21, 2015
- 2015** There and Back Again: Virtual Reconstruction and Architectural Conservation at Tell Tayinat. Presented at CRANE Symposium 2015: Archaeological Data Analysis and Cross-Project Collaboration Friday, March 27, 2015
- 2015** The Computational Research on the Ancient Near East (CRANE) Project: Large-Scale Data Integration for the Preservation and Dissemination of Archaeological Data. Presented at the Joint NEAIG/ASOR Session: *Politics and Archaeology in the Middle East: New Paradigms of Cooperation* at American Institute of Archaeology Annual Meeting. New Orleans, January 8-11, 2015
- 2014** 3D Visualization Tools for Landscapes, Urban Settlements, and Architecture. Presented at the Annual Meetings of the American Schools of Oriental Research, San Diego, November 19-22, 2014
- 2014** The Computational Research on the Ancient Near East (CRANE) Project: Large-scale Data Integration, Analysis, and Modeling in the Orontes Watershed. Presented at the 5th International Conference on Remote Sensing in Archaeology From Space to Place initiative: The Age of Sensing 13-15 October 2014 Duke University
- 2014** 3D Artifact and Pottery Visualizations  
3-D Visualizations of Landscapes, Urban Settlements, and Architecture (with D. Langis-Barsetti)  
CRANE WORKSHOP: Archaeological Data Integration and Cross-Project Analysis. Toronto, March 21, 2014
- 2013** The Computational Research on the Ancient Near East (CRANE) Project: Large-Scale Data Integration and Analysis in the Orontes Watershed. With K. Fisher and D. Schloen. Annual Meetings of the American Schools of Oriental Research, Baltimore, November 20-4.
- 2013** Introduction to CRANE. CRANE WORKSHOP: Archaeological Data Integration and Cross-Project Analysis. Toronto, March 22, 2013
- 2012** Tell Tayinat Excavation 2010-2011 Annual Meetings of the American Schools of Oriental Research, Chicago, November 14-8.
- 2012** Anatolian and Aegean influences in the 12th and 11th Centuries in the Amuq: The Iron I Sequence at Tell Tayinat. The Recent Archaeological Investigations in the Amuq Valley of Hatay. March 22-23, Koç University, Istanbul, Turkey

- 2011** Ancient Viticultural Landscapes: The Case for the Early Transcaucasian Culture. RCAC's 6th Annual Symposium: Of Vines and Wines, December 3-4, Istanbul, Turkey
- 2010** Seeing Through Silt: Results of Remote Sensing at Tell Tayinat. Annual Meetings of the American Schools of Oriental Research, Atlanta, November 18-21.
- 2009** Tell Tayinat Excavation 2006-2009 Annual Meetings of the American Schools of Oriental Research, New Orleans, November 18-21.
- 2008** 'Stubborn' Cultural conservatism and hybridization in the Early Bronze Age: The case of the Early Transcaucasian Culture Annual Meeting of the Society for American Archaeology, Vancouver, March 26-30.
- 2007** South Arabian Influence in Northern Ethiopia: The Results of Eastern Tigray Archaeological Project 2005-7 Annual Meetings of the American Schools of Oriental Research, Philadelphia, November 14-17.
- 2006a** The Third Millennium of the 'Amuq Valley. ARCANE Regional Meeting: Northern Levant Group, Paris, November 13-15
- 2006b** Geophysical and Geomorphological Investigations into the Iron Age Lower Mound at Tell Ta'yinat ICAANE 5, Madrid Spain, April 3-8.
- 2006c** The Early Bronze Age of the Amuq Valley: Inter-regional relationships of the Red Black Burnished Ware Culture. Transanatolia: Bridging the Gap between East and West in the Archaeology of Ancient Anatolia, British Museum, London March 31-April 1
- 2005** Towards an Understanding of the Lower Town at Tell Ta'yinat. Annual Meetings of the American Schools of Oriental Research, Philadelphia, November 16-19.
- 2003** Recent Investigations into the Red Black Burnished Ware of the Amuq Valley. Annual Meetings of the American Schools of Oriental Research, Atlanta, November 19-22.
- 2001** Preliminary report of the Petrographic Analysis Of the RBBW of the Amuq, Turkey. Workshop on the Archaeology of the Orontes Valley, University of Durham, UK, May 18-20.
- 2000** The 1999 Amuq Valley Regional Project Survey. The 22<sup>nd</sup> International Symposium of Excavations, Surveys and Archaeometry, Izmir, Turkey, May 22-26. [with T. Harrison]

#### **POSTERS**

- 2006a** Archaeometry in Ethiopia. With L. Pavlish, G.C. Wilson, D. Lyons and A.C. D'Andrea. Presented at the 36<sup>th</sup> International Symposium on Archaeometry, Quebec City, May 2-6<sup>th</sup> 2006
- 2006b** Archaeometry's role in understanding the Iron Age Lower Mound at Tell Tayinat, Hatay Province, Turkey With L. Pavlish and T.P. Harrison. Presented at the 36<sup>th</sup> International Symposium on Archaeometry, Quebec City, May 2-6<sup>th</sup> 2006

#### **INVITED LECTURES**

- 2016** Cultural Heritage in Crisis: Archaeology in the time of ISIS. Presented at the Archaeological Institute of America, Ottawa Chapter, [December 10, 2016]

- 2016** Excavating “The Kingdom of Idols”: New Discoveries from the University of Toronto's Excavations at Tell Tayinat, Turkey. Presented at the Archaeological Institute of America, Montreal Chapter, [January 7, 2016]
- 2015** The Computational Research on the Ancient Near East (CRANE) Project: *Finding new potentials for new and old archaeological data*. Presented at the Archaeological Institute of America, East Lansing Chapter for the Harald Ingholt Lectureship in Near Eastern Archaeology.
- 2015** Kura-Araxes and Wine Production: Evidence for Early Bronze Age Qvevri. Presented at the 3<sup>rd</sup> international Qvevri Wine Symposium, Alaverdi Monastery, Republic of Georgia [September 6-9]
- 2014** Excavating “The Kingdom of Idols”: New Discoveries from the University of Toronto's Excavations at Tell Tayinat, Turkey. Presented at the Tbilisi National Museum, Tbilisi, Republic of Georgia. [December 11, 2014]
- 2014** The Fruits of Migration: Understanding the Kura-Araxes Phenomenon and the Socio-economic Effects on the Near East. Presented at the Tbilisi National Museum, Tbilisi, Republic of Georgia. [December 10, 2014]
- 2014** Excavating “The Kingdom of Idols”: New Discoveries from the University of Toronto's Excavations at Tell Tayinat, Turkey. Presented at American Institute of Archaeology, Ottawa Chapter. [February 9, 2014]
- 2012** The Fruits of Migration: Understanding the Early Transcaucasian Phenomenon and the Socio-economic Effects on Syro-Mesopotamia presented at the Archaeological Institute of America, Ottawa Chapter, [December 12, 2012]
- 2010** Forging Identity in the Dark: Understanding Early Iron Age State Regeneration at Tell Ta'yinat presented to the Dept. of Near Eastern Studies, Johns Hopkins University, Baltimore [February 18, 2008]
- 2009** The Fruits of Migration: Understanding the Early Transcaucasian Phenomenon and the Socio-economic Effects on Syro-Mesopotamia presented at the Archaeological Institute of America, Baltimore Chapter, [December 5, 2009]
- 2006** Ancient Landscapes of the Amuq: Geoarchaeological Surveys of the Amuq Valley 1999-2006. Presented at The Canadian Society for Mesopotamian Studies Annual Symposium: Canadian Archaeological Missions in the Orontes Valley, Toronto. [October 14, 2006]
- 2005** The Petrography of the Early Transcaucasian Culture. Presented to NMC 462Y: Polarized-light Microscopy in Archaeology, U of T. [February 20, 2005]
- 2005** The Early Transcaucasian Culture of Greater Mesopotamia. The Canadian Society for Mesopotamian Studies, Toronto. [January 12, 2005]
- 2004** The Mesopotamian City. Presented to Ryerson University Continuing Education Course: Ancient Cultures, Toronto. [October 15, 2004]



**REFERENCES:**

**Timothy P. Harrison**, Associate Professor: Dept. of Near & Middle Eastern Civilizations, University of Toronto. 4 Bancroft Ave. Toronto, ON. M5S 1C1 Tel: 416-978-6600 email: [tim.harrison@utoronto.ca](mailto:tim.harrison@utoronto.ca)

**Mitchell S. Rothman**, Department Chair, Dept. of Anthropology, Widener University, One University Place Chester, Pennsylvania 19013 USA  
Tel: 610-771-0598 email: [msrothman@widener.edu](mailto:msrothman@widener.edu)

**A.C. D'Andrea**, Associate Professor: Dept. of Archaeology, Simon Fraser University. Burnaby, BC. V5A 1S6 Tel: (604) 291-5790/3135 E-mail: [adandrea@sfu.ca](mailto:adandrea@sfu.ca)

**Michael Chazan**, Associate Professor: Dept. of Anthropology, Director of The Archaeology Centre, University of Toronto. 19 Russell Street Toronto, ON, M5S 2S2 Tel: (416) 971-2684 email: [mchazan@chass.utoronto.ca](mailto:mchazan@chass.utoronto.ca)

**James L. Phillips**, Associate Professor, Dept. of Anthropology, The Field Museum. 1400 S. Lake Shore Dr, Chicago, IL 60605-2496 E-mail: [jphillips@fieldmuseum.org](mailto:jphillips@fieldmuseum.org)