



## Welcome to the AREA e-newsletter 2.0!

AREA President Angela Hewitt asked if I would like to take time to introduce myself and the updated e-newsletter. I am your AREA President-elect and an assistant professor at West Virginia University, where I teach arboriculture and urban forestry. Over the past few months, the executive committee has been working on updating a number of items. We have updated not only our logo and newsletter, but we will be launching a redesigned AREA website in the coming months, and we hope that you like these changes.

As many of us in AREA are in the world of education, I would like to highlight some opportunities for students:

The AREA Student Travel Grants help graduate students defer costs while attending the annual ISA conference. Funding comes directly from your membership dues, and I want to thank the entire AREA membership for the success of this annual program. In addition to the financial assistance, the travel grants provide an opportunity for students to develop presentation skills which are so important to both educators and researchers. We are currently

reviewing submissions and will reveal the selected grantees in our next issue.

Students have other funding opportunities, and in this issue we highlight the Bartlett Tree Foundation's scholarship programs (see page 4 for more information), as well as TREE Fund grants and scholarships on page 8.

In future newsletters, we would like to focus on other scholarships and grant opportunities for researchers at all levels. If your company has a program that you would like to share, please send us a note at [AREA@isa-arbor.com](mailto:AREA@isa-arbor.com).

Best regards,

Greg Dahle  
President-Elect

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## AREA EXECUTIVE COMMITTEE

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## Registration for 2013 ISA Annual Conference—Toronto, Ontario, Canada

Registration is now open for the 2013 ISA conference! Join us in Toronto for the AREA sessions and annual business meeting on Wednesday, August 7. To see the 2013 ISA conference program or to register, visit: <http://www.isa-arbor.com/events/conference/index.aspx>. Register on or before May 31 for the lowest rates!

## Midwest Urban Tree Care Forum: A Unique Experience for the Future of Arboriculture and Urban Forestry

Bryant Scharenbroch, Ph.D.

The Morton Arboretum

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Since its inception in 2003, the Midwest Urban Tree Care Forum (MUTCF) has been providing a unique opportunity for students to engage with professionals. Over the past ten years, MUTCF has attracted more than six hundred students and faculty from more than thirty colleges and universities. Countless permanent careers and internships have been initiated through the MUTCF program.



Nursery Operations and Issues by Connor Shaw, Possibility Place Nursery.

Each year, careers in urban forestry, arboriculture, and the green industry are displayed by touring sites, projects, and programs. Interactive presentations spanning commercial, municipal, utility, research, and non-profit fields of our industry are given to the students throughout a two-day bus tour. The event also includes a career fair, dinner, raffle, climbing experience, and numerous opportunities to interact with industry professionals.

Students that have attended MUTCF have observed and participated in wide diversity urban forestry and tree care activities. They

have learned about tree preservation and care in downtown street tree pits, new construction sites, neighborhood street renovations, old growth urban forests, constructed wetlands, and green roofs. The students have watched the renovation of Soldier Field, the construction of the Millennium Park, tree care work in the outdoor plaza of the Chicago Art Institute, and on the Magnificent Mile. MUTCF has taken students to botanic gardens, arboretums, conservatories, formal gardens, bird sanctuaries, universities, power plants, recycling centers, nurseries, golf courses, zoos, and nature centers. Students have experienced neighborhoods devastated by major threats to the

urban forest, such as Dutch elm's disease, Asian long-horned beetle, and the emerald ash borer. Cutting-edge research pertaining on the care and management of urban trees has been presented to the students by scientists.



Performing a Tree Appraisal by Mark Duntemann, Natural Path Urban Forestry Consultants.

Students have toured and participated in service projects in many of Chicago's major parks, such as, Garfield, Grant, Humboldt, Jackson, Jane Adams, Lincoln, and Washington.

In 2013, MUTCF will celebrate its ten-year anniversary. The 2013 MUTCF event will occur April 12-14, 2013 and include the following:

- » 4/12/13 (day) – Tour of west suburban Chicago, IL
- » 4/12/13 (evening) – Dinner, career fair, trivia, and raffle
- » 4/13/13 – Tour of downtown Chicago, IL
- » 4/14/13 – NEW for 2013 – Instructional tree climbing at The Morton Arboretum

MIDWEST URBAN TREE CARE CONTINUED FROM PAGE 2

Please see [www.midwesturbantreecareforum.com](http://www.midwesturbantreecareforum.com) to check out the 2012 MUTCF video, find out more about MUTCF, and register for the 2013 event. Please direct inquiries to Bryant Scharenbroch at [bscharenbroch@mortonarb.org](mailto:bscharenbroch@mortonarb.org).

MUTCF would not be possible without the efforts and support of many long-standing sponsors, including: Illinois Arborist Association, International Society of Arboriculture, Davey Tree, Bartlett Tree Experts, The Care of Trees, Commonwealth Edison, and The Morton Arboretum. Over the years, many other sponsors have also contributed to MUTCF and we thank them. These generous sponsors have created an affordable, valuable, and unique experience for the students that will be the future of our industry.



Large Tree Removal Demonstration by Davey Tree Experts.

## MUTCF – APRIL 12-14, 2013

**Registration:** \$50 for ISA Student Members or \$90 which includes your ISA Student Membership (\$45 value).  
**Registration includes:** a t-shirt, transportation, and meals during conference events. Students must pay own lodging.



**Lodging:** Conference Hotel is the Hilton in Lisle/Naperville, 3003 Corporate West Drive, Lisle, IL 60532. P: 1-800-552-2599. Rate is \$89.00 (+tax) which includes complimentary internet & breakfast buffet for up to quad occupancy, per room per night. Room reservation code is CMUT.

**Support:** MUTCF is brought to you by Illinois Arborist Association (IAA) and many other generous supporters. Thank you.



**Questions:** Direct to Bryant Scharenbroch.  
E: [bscharenbroch@mortonarb.org](mailto:bscharenbroch@mortonarb.org)  
P: 630-725-2071

MIDWEST URBAN TREE CARE FORUM

[www.midwesturbantreecareforum.com](http://www.midwesturbantreecareforum.com)

# Annual Bartlett Foundation Scholarship Available for Arboriculture and Urban Forestry Students

Applications are due October 1, 2013

The Bartlett Tree Foundation, Inc., provides financial assistance for selected students of arboriculture, horticulture, forestry, and related disciplines at both two-year and four-year colleges and universities. Bartlett Foundation scholarship endowments have expanded since its founding in 1985, and it awards over \$50,000 annually through two scholarship programs: Foundation Schools and At-Large Scholarships.

Currently there are twenty-eight Foundation School with a dedicated scholarship, and each school utilizes its own criteria to select one or more awardees each semester.

The At-Large Scholarships are competitive and available to students at both Foundation-supported schools and at other two- and four-year colleges and universities that have programs in horticulture, arboriculture, or urban forestry.

For more information, please visit the Bartlett Foundation website at:  
[www.bartletttreefoundation.org](http://www.bartletttreefoundation.org)

## Foundation Schools

Allegany College of Maryland  
Brigham Young University  
California Polytechnic State University  
Central Piedmont Community College  
Clemson University  
Mid-State Technical College  
North Carolina State University  
Paul Smith's College of Arts & Sciences  
Penn State University-Mont Alto  
Pennsylvania College of Technology  
Purdue University  
Rutgers University  
Steven F. Austin State University  
SUNY – College of Environmental Science  
and Forestry

SUNY-Farmingdale State University  
Texas A&M University  
The Williamson Free Trade School  
Unity College (Maine)  
University of Florida-Gainesville  
University of Georgia-Athens  
University of Maryland-College Park  
University of Massachusetts-Amherst  
University of Pennsylvania  
University of Rhode Island  
University of Wisconsin-Stevens Point  
Virginia Tech  
West Virginia University  
Western Illinois University

*Since 1979, this international symposia series has addressed environmental issues affecting rights of way development and management around the world ... planning is underway for further discussion in 2015*

*A successful forum of intense information exchange, between environmental professionals and those tasked with developing and managing linear rights of way, is dependent on new discoveries.*

*Symposium Website  
<http://www.rights-of-way.org/>*



## Environmental Concerns in Rights of Way Management

### International Symposium

#### Research Outreach

Agencies, consultants and academia actively involved in environmental research and regulation are encouraged to consider this symposium as an excellent forum for presenting and discussing new discoveries and successful processes concerned with ecological conservation and protection.

Studies involving; wildlife, habitat impacts and improvements, avian issues, biodiversity, the effects of vegetation management and the use of technology are all areas of interest.

*Set Sail for:*

**Halifax, Nova Scotia, Canada  
2015**

Please contact: Rob Young  
[Robert.young@nspower.ca](mailto:Robert.young@nspower.ca)



## Calls for Papers and Posters

16th European Forum on Urban Forestry Conference

THE WALKING URBAN FOREST: A  
Dynamic Green Infrastructure for  
Our Cities

May 7-11, 2013

Milano, Italy

Urban forests and other greenspace that contribute to establishing a green infrastructure can drive citizens' behavior; improve the quality of life through decreasing levels of stress, stimulating social cohesion, and physical exercise; and clean the urban air.

The conference will focus on "THE WALKING URBAN FOREST: a dynamic green infrastructure for our cities," a topic that in recent years has become of more and more interest. The forum will explore different aspects of green infrastructure and how it is necessary to investigate the environmental and social benefits that urban forests and trees in the urban environment can provide. The forum also has the objective of studying the various forms of governance that characterize the urban forest at different scales.

Managers, planners, foresters, decision makers and all people who confront problems in relation to urban forestry and green infrastructure are invited to submit proposals.

**For information on abstract and poster submissions, see:**

[www.emonfur.eu/pagina.php?sez=91&pag=561&label=Abstract+and+poster+submission](http://www.emonfur.eu/pagina.php?sez=91&pag=561&label=Abstract+and+poster+submission)

Proposals should address at least one of the conference topics: (1) Urban arboriculture; (2) Governance; (3) Environmental perspective; (4) Management perspective; (5) Social perspective

Abstracts can be submitted from February 1 until February 28, 2013.

Submit your abstract to: [abstract.efuf2013@emonfur.eu](mailto:abstract.efuf2013@emonfur.eu)

**For more information, visit the 16th EFUF Conference website at:**

[www.emonfur.eu/pagina.php?sez=91&pag=554&label=EFUF+2013](http://www.emonfur.eu/pagina.php?sez=91&pag=554&label=EFUF+2013)



## 24th IUFRO World Congress



### Sustaining Forests, Sustaining People: the Role of Research

October 5–11, 2014

Salt Lake City, Utah, USA

The International Union of Forest Research Organizations (IUFRO) is open to all individuals and organizations dedicated to forests, forest products, and related disciplines. The 24th IUFRO World Congress will provide attendees the opportunity to share knowledge and build relationships with colleagues from around the world.

**CALL for SESSION PROPOSALS: open now through April 30, 2013**

The Congress Scientific Committee invites submission of session proposals for the 2014 IUFRO Congress. In keeping with the spirit of the Congress title – Sustaining Forests, Sustaining People: The Role of Research – the Congress Scientific Committee is developing a program that will highlight the contributions that forest science is making to address the significant environmental, social and economic challenges facing our world.

Session proposals will be accepted that address one or more of the following Congress themes:

- » Forests and Forest Products for a Greener Future
- » Forest Health in a Changing World
- » Forests for People
- » Forest Biodiversity and Ecosystem Services
- » Forests and Climate Change
- » Forest and Water Interactions
- » Forest Biomass and Bioenergy

All who share an interest in the future of forests and forest science session are invited to submit session proposals. We encourage proposals that involve collaboration between two or more IUFRO Divisions or Task Forces and/or with organizations not formally associated with IUFRO, and from university students at all levels.

Acceptance decisions will be made no later than June 30, 2013. An open Call for Abstracts will be issued in July, with online abstract submission until October 15 and acceptance decisions until November 30.

To submit a Technical Session Proposal, see: <http://iufro2014.com/scientific-program/session-proposals/>

## Texas Chapter ISA 34th Annual Texas Tree Conference: "Branching Out"

October 2-4, 2013

Waco, Texas

**Deadline is March 1, 2013** to submit proposals for oral presentations or field demonstrations. For details, see: [www.isatexas.com](http://www.isatexas.com)

To submit your proposal, go to: [www.surveymonkey.com/s/3L332HS](http://www.surveymonkey.com/s/3L332HS)

## Upcoming Events

### 2013 Florida ISA Chapter Tree Climbing Championship

March 9, 2013

Lily Lake in Maitland, Florida

Applications for competitors and volunteers are available at: [www.floridaisa.org](http://www.floridaisa.org)

### New Jersey Arborists ISA Annual Work Day

March 9, 2013 (rain date March 16)

Rutgers University

New Brunswick, New Jersey

See: [www.njarboristsisa.com/events.php](http://www.njarboristsisa.com/events.php) for more information

### Garden State Tree Conference: New Jersey Arborists ISA Annual Meeting

March 21, 2013

Cook Campus Center, Rutgers University

New Brunswick, New Jersey

See: [www.njarboristsisa.com/events.php](http://www.njarboristsisa.com/events.php) for more information

### 2013 Southern Chapter ISA/UAA Conference

March 23-26, 2013

Memphis-Cook Convention Center

Memphis, Tennessee

[www.isasouthern.org/annualconference.htm](http://www.isasouthern.org/annualconference.htm)

## 2013 Mid-Atlantic Chapter-ISA Tree Climbing Championship

April 6, 2013

Round House, Byrd Park

Richmond, Virginia

Be one of the 35 competitors ([click here for a downloadable registration form](#) or here for the [online registration form](#))

See the Mid-Atlantic Chapter's website, at: [www.mac-isa.org](http://www.mac-isa.org)

## Urban Tree Growth & Longevity (UTGL) Working Group Field Trip

At ISA Conference, Toronto, Canada

Date and time: Sunday, August 4, 2013 from 1-4 pm

**Meeting point:** Meet at 12:45 in the lobby of the InterContinental Toronto Centre, 225 Front Street West, to depart at 1 pm.

**Sign up:** The tour is free of charge and will be open to 25 participants on a first come first served basis. To sign up, please email [jbartens@ucdavis.edu](mailto:jbartens@ucdavis.edu).

**Tour description:** In conjunction with the City of Toronto's Parks, Forestry & Recreation Division, the UTGL working group is organizing a field trip that will give participants a glimpse of Toronto's planting, maintenance and monitoring efforts. One site includes street tree plantings involving continuous soil trenches and above ground containers. Nearby is a large scale development project that will be under construction at the time of the tour, enabling tour participants to view installations and conditions below ground. Another site is a large urban park that contains provincially rare black oak savannah and woodland ecosystems. Both natural and manicured landscapes are found within the park. We will discuss their photo-monitoring program, maintenance efforts, and other challenges and accomplishments.

For more information please visit [www.urbantreegrowth.org](http://www.urbantreegrowth.org).



# Request for Proposals: Tree Biomechanics Week 2013

August 12–16, 2013, in Shalersville, Ohio, US

The International Society of Arboriculture (ISA) and the Davey Tree Expert Company (Davey) are now accepting proposals for researchers to engage in a week of facilitated tree biomechanics research. Tree Biomechanics Week 2013 is a scientific endeavor intended to provide researchers actively working in the area of tree biomechanics with an unprecedented opportunity to come together, generate questions, exchange experimental design ideas, and coordinate scientific efforts on a common site.

## Site

The Davey Tree Company’s research arboretum and farm in Shalersville, Ohio, will serve as the site for the week of fieldwork. This 40-acre tract of land is stocked with hundreds of trees arranged in even-aged planting blocks. Photographic and historical background information for the site, and GIS and LIDAR mapping data are available. Davey intends to thin the plots, allowing for a unique opportunity to conduct destructive measurements on mature trees. Blocks were established in the 1950s and 1960s and include the following tree species, which are available for destructive testing during Biomechanics Week 2013:

Trees at Davey’s Shalersville Site		
American Elm	Sugar Maple	Chinese Elm
Pin Oak	Silver Maple	Linden
White pine	Norway Maple	Honey locust
Green ash	Red Maple	Norway spruce
London Plane		

## Dates and Schedule

Biomechanics week is scheduled from Monday, August 12 to Friday, August 16, 2013, and will conclude with a public symposium on tree biomechanics on Friday, August 16. Researchers are able to visit the site in advance or schedule follow-up research and work days upon request. At the symposium, each selected researcher will give a short presentation related to his or her research project, drawing on past related research results and/or giving a brief description of the week’s activities.

## Travel Stipend

Upon review of proposals and selection, participating researchers may be eligible for a stipend to be applied toward travel expenses, including airfare or mileage, lodging, and meals.

## Deliverables

Following Biomechanics Week 2013, each researcher will provide a written summary of their research questions addressed, methods used, and any findings as part of the week’s proceedings. Depending upon the length of the summary and depth of the findings, participants may submit these research summaries as either a research note or full article manuscript to Arboriculture & Urban Forestry or to Arborist News. Slide presentations from the Friday symposium also will be included in the proceedings.

Examples of tree biomechanics research questions include, but are not limited to:

- » What is the relationship between root structure or architecture and tree stability?
- » Can we correlate visual defects with likelihood of failure?
- » Decay: how much is too much?
- » How do forces or energy move through a tree?
- » Can we reduce the likelihood of failure through crown or branch reduction?
- » Response growth: how much is needed, and what are the differences in strength?

## Proposal Submission Requirements

Proposals will be evaluated and ranked for the merits of the research projects or questions, relevance to the industry, the scientific approach of the proposed investigation, and the creativity of the proposal and its potential to influence future research in tree biomechanics.

## All proposals must include:

- » Complete contact information for the researcher(s) applying
- » A brief description of previous related research work (no more than 300 words, include 2-3 recent tree biomechanics publications, if appropriate)
- » Qualifications of the researchers (include applicable education, appointments, and experience; a Ph.D. is not a requirement)
- » A description of the research that is to be conducted. Research is not limited to a single project. Descriptions should be no more than 300 words per project. Key research objectives/outcomes should be easily identified.
- » A list of equipment and instrumentation that will be used, indicating what you will be bringing and what other equipment support may be required at the site (see below).
- » A list of your project team personnel (student research assistants or climber technicians, if any) including names, contact information, and a description of their roles.

## Equipment Needs

The organizers of this event will provide at least one mobile elevated work platform or aerial lift truck. Chain saws, Personal Protective Equipment (PPE), and general rigging gear (ropes, blocks, etc.) will be available; however, participants are

BIOMECHANICS CONTINUED FROM PAGE 7 »

encouraged to provide their own PPE, if possible. Limited research instrumentation will be available. Researchers are asked to provide a list of equipment and instrumentation that they will bring and make available to others during the week.

**Technicians**

Climbers with expertise and equipment for working in trees will be on site and available to serve as technicians. Please indicate whether you anticipate the need for assistance from the climber technicians.

**Student Research Assistants**

The Arboricultural Research and Education Academy (AREA) will provide limited funding for graduate and undergraduate research assistant travel grants. If you wish to bring one or more student research assistants, please include the following information in your proposal:

- » Student name and contact information
- » Program of study and expected graduation date
- » A brief (3-5 sentences) description of the assistance to be provided by the student
- » A brief description of the student's academic standing, abilities as a research assistant, and career goals. Please include 1 or 2 sentences describing how participation in Tree Biomechanics Week will benefit the student.

Please send completed proposals by mail to:

ISA  
Biomechanics Week 2013  
P.O. Box 3129  
Champaign, Illinois 61826-3129

or by e-mail: [AREA@isa-arbor.com](mailto:AREA@isa-arbor.com)  
subject line of e-mail message: "Biomechanics Week 2013"

All proposals are due **Friday, March 15, 2013** by 5:00 pm Central Standard Time



**BioCompliance Consulting, Inc.**

**Busy Bee Services, Ltd.**

## Internship and Fellowship Opportunities

### ISA Undergraduate Arboriculture Fellowship

Champaign, Illinois

Applications due **March 15, 2013**

Fellowship is open to junior or senior students enrolled in a four-year program in arboriculture. This is a 10-week paid fellowship and includes registration and related expenses for the 2013 ISA Conference and Trade Show in Toronto, Ontario, Canada. For full details and application procedures, see: [www.isa-arbor.com/students/resources/ISA\\_2013Fellowship\\_Information.pdf](http://www.isa-arbor.com/students/resources/ISA_2013Fellowship_Information.pdf)

### TREE Fund

Applications due **April 1, 2013** for the following grants and scholarships:

- » Hyland R. Johns Research Grants
- » Ohio Chapter ISA Education Grants
- » TREE Fund Arboriculture Education Grants
- » Robert Felix Memorial Scholarships

Applications due **May 15, 2013** for:

- » John Wright Memorial Scholarships

For information, see: [www.treefund.org](http://www.treefund.org)



## LITERATURE REVIEW SERIES REQUEST FOR PROPOSALS



International Society of Arboriculture  
SCIENCE AND RESEARCH COMMITTEE

### SECTION I: PROGRAM SUMMARY, BACKGROUND, AND PURPOSE OF THE REQUEST FOR PROPOSALS (RFP)

#### A. Program Summary and Background

The International Society of Arboriculture (ISA) was founded, in part, as a means of supporting research in the care and management of trees, and as a means of facilitating dissemination of the research-based knowledge.

One of the primary initiatives of ISA's strategic plan is to promote and facilitate worldwide technology transfer. To that end, ISA's Science and Research Committee (SRC) has contracted a series of arboricultural literature reviews with the goal of synthesizing current knowledge and identifying research gaps in arboriculture and urban forestry.

Examples of past funded literature reviews are listed at:

<http://www.isa-arbor.com/education/portalToResearch/litReviewSeries.aspx>.

#### B. Suggested Topics for Literature Reviews

Previous ISA literature reviews were designed to address broad areas of arboricultural research (e.g., tree biomechanics, pruning). While valuable, these reviews often were unwieldy because of their breadth. To address this concern, the SRC has altered its strategy by supporting a larger number of more focused literature reviews; for an example of scope, see: <http://auf.isa-arbor.com/request.asp?JournalID=1&ArticleID=3034&Type=2>.

Broad topics from which more focused works could be drawn include, but are not limited to:

- » Arborist/Tree Worker Safety
- » Economics of Pest Management
- » Human Health and Trees
- » Public Policy and Urban Forestry
- » Response Growth in Trees/Biomechanics
- » Trees and Acute Biotic/Abiotic Stressors
- » Trees as Infrastructure
- » Urban Tree Diversity/Barriers to Urban Tree Diversity
- » Urban Tree Growth and Longevity
- » Urban Trees and Water Management

### SECTION II: MINIMUM QUALIFICATIONS REQUIREMENTS

This RFP is open to academic researchers, mentored/supervised graduate students, or industry professionals meeting the minimum qualifications below. Use of this funding as seed money for dissertation/thesis grant proposals is encouraged.

#### A. Researcher Qualifications

The successful researcher must have the educational background, knowledge, and skills necessary to differentiate between primary and secondary sources in the literature. In addition, the successful researcher must be able to judge the rigor and scientific merit of research publications by evaluating the experimental design, data collection procedures, statistical methods, and the validity and appropriateness of conclusions drawn.

#### B. Organizational/Literature Access

The successful researcher must have a means of accessing the relevant research and technical publications from appropriate sources that include and emphasize, but are not necessarily restricted to, refereed journals. Use of citation management software that exports a BibTeX citation list (e.g., Zotero or Mendeley) or a format easily converted to BibTeX (e.g., Endnote) is required.

#### C. Communication Skills

The successful researcher must be able to communicate the results of this review in a well-written manuscript with comprehensive bibliographic citations, suitable for publishing (in English).

### SECTION III: SCOPE OF SERVICES

The successful researcher will be required to perform the following services:

- A. **Perform a thorough literature search** of all research related to the proposed topic, including work published in international journals.
- B. **Prepare a literature review and synthesis for publication in *Arboriculture & Urban Forestry***, listing all research published and summarizing previous work, trends that have emerged, research possibilities that have been overlooked, approaches that show promise or have proven sterile, and recommendations for further research. The summary should consider the quality, merit, and scope of various research studies.
- C. **Submission of an annotated citation list**, as specified in Section II [A] above.
- D. **Prepare a summary article suitable for *Arborist News* magazine**, summarizing the work and its relevance and applicability to practitioners in the profession.
- E. **Present a summary of the results at the annual International Society of Arboriculture conference** in the year following completion of the work.
- F. **The successful researcher must submit a proposal for all specified requirements** to be completed within a 9-month contract period and with a budget cap of \$5,000 USD. ISA policy stipulates that indirect costs may not exceed 10%.

### SECTION IV: PROPOSAL SUBMISSION REQUIREMENTS

All interested researchers must submit the following documents in order for a literature review proposal to be considered as complete:

- A. **Executive Summary** that includes a Statement of Topic and a Review Methodology (500 word maximum)
- B. **Manuscript Outline** on a focused topic of reasonable scope and length, including any relevant subtopics and identifying literature sources

- C. **Current CV or résumé**, clearly stating the submitting author's and/or mentor's qualifications and experience; if multiple authors, each should submit a list of his/her five most relevant publications

All proposals must be submitted electronically to: [research@isa-arbor.com](mailto:research@isa-arbor.com).

All proposals must be received by May 15 each year, no later than 5:00 PM (CDT).

Awarded proposals will be announced by August 15 each year.

### SECTION V: PROPOSAL EVALUATION PROCEDURES

All proposals submitted to ISA will be initially reviewed to determine that interested researchers meet all of the submission and minimum qualifications requirements described in this RFP.

A committee composed of SRC members and disciplinary experts selected by the SRC will rate proposals, applying the following evaluation criteria:

- A. **Executive Summary (40 points)**
- B. **Manuscript Outline (40 points)**
- C. **Organizational capacity/access to research materials and literature (10 points)**
- D. **Author's CV or résumé (10 points)**