Welcome!

It gives me great pleasure to present the 2020 SCT Virtual Program. While we cannot meet and network in the traditional way this year, we are delighted to offer an exciting virtual program to fill the void until we can meet again in person, hopefully next May in Chicago.

The virtual program consists of a number of Invited and Contributed Sessions along with Educational Workshops built around our theme of "Enhancing and Enabling the Clinical Trials Ecosystem through Interdisciplinary Collaborations". A theme that resonates that much stronger in the face of the COVID-19 pandemic in that conceiving, executing, and disseminating rigorous trials requires the talents and inclusion of many stakeholders and decision-makers.

The first phase of our Virtual Program took place in May with the successful web presentations of our Student Scholarship Sessions along with the David S. Sackett Trial of the Year award. The next phase of our program takes place over the months of September 2020 to April 2021. Along with the webinars and Contributed Session presentations on our website, we also had a special session on July 8th to recognize our 2020 Fellows.

We are grateful to everyone that helped make the Virtual Program possible including members of the Virtual Program Task Force chaired by Susan Halabi, our webmaster John Hepler, and Kevin Bragaw and Angie Stark at EAI. Most importantly, we thank those who submitted successful sessions to the SCT Annual Meeting and agreed to present their accepted material over the coming months. Collectively, our dynamic, interdisciplinary Virtual Program will appeal to all our members.

As always, please encourage your colleagues and trainees to join the Society so they too can benefit from the value our Virtual Program has to offer.

I wish everyone well during these challenging and unprecedented times.

My best,

Dean Fergusson
2020-2021
SCT Past President
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JCM (IF = 5.583) is an international scientific open access journal, providing a platform for advances in clinical practices, the study of direct observation of patients and general medical research. The journal is indexed by SCIE and PubMed.
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Communications Committee

Michael Grayling  
Co-Chair  
Education Committee

Dixie Ecklund  
Co-Chair  
Membership Committee

Ivan S.F. Chan  
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Development Committee

Mithat Gönen  
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Fellows Committee

Lehana Thabane  
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Yves Rosenberg  
Chair  
Education Committee

Jody Ciolino  
Chair  
Membership Committee

Abby Shoben  
Chair  
Program Committee
Thank you to the SCT 2019-2020 Committee Chairs and Co-Chairs

Jonathan Cook  
Co-Chair  
Program Committee

Sharon Yeatts  
Chair  
Student Scholarship Committee

Lee McDaniel  
Co-Chair  
Student Scholarship Committee

Scott Evans  
Chair  
Trial of the Year Committee
Thank you to the SCT Program Task Force

Susan Halabi
2020-2021
SCT President

Domenic Reda
SCT Secretary

Dean Fergusson
2020-2021
Past President

Li Chen
SCT Treasurer

Jody Ciolino
Past Chair
Membership Committee

Dixie Ecklund
Past Co-Chair
Membership Committee
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2020 Chair  
Program Committee

Toshi Hamasaki  
2020 Co-Chair  
Program Committee

Abby Shoben  
Past Chair  
Program Committee

Michael Grayling  
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Education Committee

Sin-Ho Jung  
2020 Co-Chair  
Education Committee

Yves Rosenberg  
Past Chair  
Education Committee

Liz Garrett-Mayer  
Past Chair  
Communications Committee
Created in 1978, the **Society for Clinical Trials** is a multidisciplinary society with membership spanning myriad disciplines that are all critical to the field of clinical trials: biostatistics, clinical areas, IT and systems, data management, ethics, regulatory bodies, behavioral science, research coordination, patient partners, health outcomes researchers, and many others. Our members come from academia, industry, government and non-profit research and advocacy groups.

**Society for Clinical Trials (SCT)** is structured so that professionals with diverse interests and backgrounds can enjoy the many and varied benefits of membership. These benefits are designed to provide the highest quality education programs and other resources that will enhance and aid in the development of careers in clinical trials.

**We welcome you to join us!**

**SCT membership benefits include:**

- Networking opportunities
- Continuing education opportunities
- Substantially discounted registration fees
- Professional development
- Societal outreach and communication

**The SCT Administrative Office is located at:**

85 W Algonquin Road, Suite 550  
Arlington Heights, IL 6000  
Phone: (847) 427-8010  
Fax: (847) 427-9656  
Email: info@sctweb.org
The program will be offered from
September 1, 2020- April 30, 2021.
and will be available to all
*current* SCT members for free!

Non-Members who wish to purchase this Educational Content can do so for the low price of just $170.

The program will contain content submitted for the 2020 SCT Annual Meeting, including:

- Recorded Presentations from Contributed sessions
- Webinars from Education Workshops and Tutorials
- Webinars from Invited Sessions
- Recorded content including the Annual Business Meeting, Trial of the Year Presentation, Sylvan Green, Chalmers Awards Presentations, and presentation of the 2020 Fellows of SCT.

Please contact us at *info@sctweb.org* for more information and assistance.
Virtual Program Guide
Preview

Virtual Invited Sessions

Adjusting for prognostic baseline variables to improve precision and power in randomized trials ................................................................. 16
The win ratio approach to composite endpoints ......................................................................................................................................... 16
Methodological advances in the conduct of behavioral clinical trials: an international behavioural trials network (ibtn) update ........................................................................................................ 16
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Strategies to collaboratively manage protocol deviations in multi-site clinical trials ........................................................................................ 16

Virtual Education Workshop Sessions

Web-based applications for early-phase trials designs ................................................................................................................................. 17
Using meta-analysis to combine results from clinical trials ......................................................................................................................... 17
From Ideas to Efficacy: Designing & Optimizing Behavioral Treatments for Chronic Diseases ........................................................................ 17
How to design and run an adaptive clinical trial: new resources and easy-to-use software .............................................................................. 17
Improving Quality and Controlling Costs in Clinical Trials Using Responsive Survey Design ................................................................. 17

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Category: Data Management

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Primary Author: Chris Rogers ................................................................................................................................................................................ 18
Category: Information Systems & Technology

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Primary author: Danila Azzolina

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Primary author: Christina Clise

Cost-Efficient Clinical Studies with Continuous Time-to-Event Outcomes
Primary author: Grecio J. Sandoval

Data Sharing Plans in Manuscripts Reporting Results of Randomized Clinical Trials Published in International Committee of Medical Journal Editors Member Journals during 2019
Primary author: Elizabeth C. Wright

Determining a Bayesian Predictive Power Stopping Rule for Futility in a Non-Inferiority Trial with Binary Outcomes: The INK trial
Primary author: Anna Heath

Multi-arm multi-stage designs with fixed stage-wise sample sizes
Primary author: Michael J. Grayling

National Institute of Neurological Disorders and Stroke (NINDS) Common Data Element (CDE) Recommendations: Project Overview and Recent Updates
Primary author: Muniza Sheikh

Optimal incomplete designs for stepped wedge trials in continuous time
Primary author: Richard Hooper

Patient-Focused Research on Metachromatic Leukodystrophy
Primary author: Patricia Vanderwolf

Sample Size Estimates for Optical Coherence Tomography Outcome Measures Based on Trends Observed in the SPRINT-MS Trial
<table>
<thead>
<tr>
<th>Title</th>
<th>Primary Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building a Comprehensive Clinical Site Performance Portal in Support of Risk-Based Monitoring</td>
<td>Carlton A. Hornung, Janet Athene Lane</td>
<td>24</td>
</tr>
<tr>
<td>Simulation-based Design of Pragmatic Trials in Psoriatic Arthritis Using Propensity Scores</td>
<td>Alisa J. Stephens-Shields</td>
<td>24</td>
</tr>
<tr>
<td>Successful implementation of a novel trial design in a palliative care population</td>
<td>Kathryn B. Arnold</td>
<td>24</td>
</tr>
<tr>
<td>The KidsCAN-PERC Innovative Paediatric Clinical Trials Network (iPCT): An Interdisciplinary Approach to Clinical Trials Methodology</td>
<td>Anna Heath</td>
<td>24</td>
</tr>
<tr>
<td>The Value Proposition of eConsent in Clinical Trials</td>
<td>Hannah F. Glenny</td>
<td>25</td>
</tr>
<tr>
<td>Sample Size Methods for Two-Stage Randomized Trials with Time to Event Data</td>
<td>Rouba A. Chahine</td>
<td>25</td>
</tr>
<tr>
<td>Understanding the Length of Consent Forms for Cancer Clinical Trials</td>
<td>Quyen Duong</td>
<td>25</td>
</tr>
<tr>
<td>Using Results from a Natural History Study to Reduce Patient Burden in Later Clinical Trials</td>
<td>Wendi Liang</td>
<td>25</td>
</tr>
<tr>
<td>Where is the good? The bad and the ugly of single-arm trial reporting</td>
<td>Michael J. Grayling</td>
<td>25</td>
</tr>
<tr>
<td>Addressing Challenges in Registering and Reporting Results for Master Protocol Studies</td>
<td>Deborah A. Zarin</td>
<td>25</td>
</tr>
<tr>
<td>Efficient Bayesian Adaptive Design for Oncology Clinical Trials with Multiple Biomarker Subgroups</td>
<td>Daniel HJ. Kang</td>
<td>25</td>
</tr>
</tbody>
</table>

**Category: Trial Management & Research Coordination**

<table>
<thead>
<tr>
<th>Title</th>
<th>Primary Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A digital story of strategies for surgical trainees working together to achieve success in conducting surgical clinical trials</td>
<td>Janet Athene Lane</td>
<td>25</td>
</tr>
<tr>
<td>Assessing the Competency of the Clinical Research Workforce: Formal Education; Role in the Research Enterprise; Research Setting; and Years of Experience</td>
<td>Carlton A. Hornung</td>
<td>25</td>
</tr>
<tr>
<td>Building a Comprehensive Clinical Site Performance Portal in Support of Risk-Based Monitoring</td>
<td></td>
<td>26</td>
</tr>
</tbody>
</table>
Primary author: James S. Wise .................................................................................................................. 26

Closing Out a Long-Term Longitudinal Study: Lessons from the TODAY Study ................................................................. 26

Primary author: Brian K. Burke ......................................................................................................................... 26

The Impact of Interdisciplinary Relationships on Single IRB Selection in a National Clinical Trial Network ................................................................. 26

Primary author: Kari Williams ............................................................................................................................ 26

The Impact of Site Initiation Visits on Non-Compliance in Neurology Research ................................................................. 26

Primary author: Matthew J. Gooden .................................................................................................................... 26

Transition From Two Phase 3 Clinical Trials To A Reduced Follow-Up Only Trial ................................................................. 26

Primary author: Levent Bayman ......................................................................................................................... 26

Building a Drug Management System .................................................................................................................... 26

Primary author: Jason Kojtek ............................................................................................................................ 26
# Virtual Invited Sessions

<table>
<thead>
<tr>
<th>Title</th>
<th>Presenter(s)</th>
<th>Date Scheduled</th>
</tr>
</thead>
</table>
| Adjusting for prognostic baseline variables to improve precision and power in randomized trials | Presenters  
Michael Rosenblum  
Min Zhang  
Michael Proschan  
Daniel Rubin | September 30, 2020  
10:00am -11:00am ET |
| The win ratio approach to composite endpoints | Presenters Information in Process | November 6, 2020  
12:00 pm – 1:00 pm ET |
| Methodological advances in the conduct of behavioral clinical trials: an international behavioural trials network (ibtn) update | Presenters  
Simon Bacon  
Susan Czajkowski  
Kenneth Freedland  
Kim Lavoie | December 14, 2020  
10:00am-11:30am ET |
| The design and implementation of master protocols using examples from oncology clinical trials | Presenters  
Timothy Chen  
Amy Stark  
Shauna Hillman  
Sumithra Mandrekar  
Pamela Tenaerts | January 12, 2021  
12:00pm-1:00pm ET |
| Strategies to collaboratively manage protocol deviations in multi-site clinical trials | Presenters  
Dikla Blumberg  
Ashley Case  
Phoebe Gauthier  
Mitra Lewis  
Carmen Rosa  
Dagmar Salazar | January 27, 2021  
12:00pm-1:30p ET |
# Virtual Education Workshop Sessions

<table>
<thead>
<tr>
<th>Title</th>
<th>Presenter(s)</th>
<th>Date Scheduled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web-based applications for early-phase trials designs</td>
<td><strong>Presenters:</strong> Cody Chiuzan, Yuan Ji, Nolan Wages, Ying Yuan</td>
<td>October 2, 2020 11:00am-12:30pm ET</td>
</tr>
<tr>
<td>Using meta-analysis to combine results from clinical trials.</td>
<td><strong>Presenters:</strong> Yulia Marchenko, Kristin MacDonald, Houssein Assaad</td>
<td>October 14, 2020 12:30pm – 2:00pm ET</td>
</tr>
<tr>
<td>From Ideas to Efficacy: Designing &amp; Optimizing Behavioral Treatments for Chronic Diseases</td>
<td><strong>Presenters:</strong> Susan M. Czajkowski, Ken Freedland, Lynda H. Powell</td>
<td>October 29, 2020 2:00pm – 3:30pm ET</td>
</tr>
<tr>
<td>How to design and run an adaptive clinical trial: new resources and easy-to-use software</td>
<td><strong>Presenters:</strong> Munya Dimairo, Michael Grayling, Graham Wheeler</td>
<td>November 11, 2020 10:00am – 11:30am ET</td>
</tr>
<tr>
<td>Improving Quality and Controlling Costs in Clinical Trials Using Responsive Survey Design</td>
<td><strong>Presenters:</strong> James Wagner, Brady West</td>
<td>April 6, 2021 11a ET – 12:30p ET</td>
</tr>
</tbody>
</table>
Recorded Sessions

Category: Data Management

Automation of clinical trial statistical monitoring
Primary Author: Chris Rogers
Keywords: Data Management, Information Systems & Technology, Health Informatics

Buy or Build: Considerations for a robust data management system used in Phase 3 Clinical Studies
Primary Author: Lan Zhang
Keywords: Data Management, Trial Design, Systematic Reviews & Evidence Synthesis

Central Statistical Data Quality Monitoring in Clinical Studies: an application to the ROLEX registry
Primary Author: Daniele Bottigliengo
Keywords: Data Management, Information Systems & Technology

Ensuring Consistency Across CDISC Dataset Programming Processes
Primary Author: Rick M. Mitchell
Keyword: Data Management

Category: Information Systems & Technology

Comparing a Multimedia Interactive Virtual Informed Consent (VIC) to Traditional Paper-based Method: A randomized Clinical Trial
Primary author: Fuad Abujarad
Keywords: Health Informatics, Information Systems & Technology, Involving Research Partners

Do study participants complete electronic questionnaires?
Primary author: Lucy Culliford
Keywords: Information Systems & Technology, Outcomes

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Primary author: Phoebe R. Gauthier
Keywords: Information Systems & Technology, Trial Management & Research Coordination, Health Informatics

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Primary author: Levent Bayman
Keywords: Health Informatics, Information Systems & Technology

**Category: Involving Research Partners**

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Primary author: Kelly M. Folkers
Keywords: Other

IMPAACT 2016: Interdisciplinary Collaboration at Multiple Levels
Primary author: Meredith G. Warshaw
Keywords: Involving Research Partners, Trial Management & Research Coordination

**Category: Personalize Medicine**

The Association between Genotypes and Post Cardiac Surgery Bleedings: A substudy of the Steroids in Cardiac Surgery Trial (SIRS)
Primary author: Fei Yuan
Keywords: Personalize Medicine, Outcomes, Involving Research Partners

**Category: Recruitment & Retention**

Clinical Trial Design, Protocol Implementation, and Secular Treatment Trends for Persons Living with HIV and Opioid Use Disorder: Lessons Learned from a National Institute on Drug Abuse Clinical Trials Network
Primary author: Jessica Guyer
Keywords: Feasibility/Pilot Studies, Recruitment & Retention, Trial Design

Interdisciplinary collaboration in review of national coverage analysis (nca) documents to enhance clinical trial site activation and recruitment of participants
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Keywords: Recruitment & Retention, Involving Research Partners, Other
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Keywords: Outcomes, Systematic Reviews & Evidence Synthesis

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Primary author: Emily C. Hite
Keywords: Systematic Reviews & Evidence Synthesis, Choosing interventions, Recruitment & Retention

Analysis and reporting of data from stratified cluster randomized trials – a systematic survey
Primary author: Sayem Borhan
Keywords: Systematic Reviews & Evidence Synthesis, Trial Design, Statistical Analysis

Public availability of clinical trial results from a random sample of systematic reviews
Primary author: Kristina B. Lindsley
Keywords: Systematic Reviews & Evidence Synthesis

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Primary author: Yue Song
Keywords: Systematic Reviews & Evidence Synthesis, Statistical Analysis, Outcomes

Where have all the trials gone? Academic trialists do not report clinical trial results
Primary author: Penny S. Reynolds
Keywords: Systematic Reviews & Evidence Synthesis, Trial Management & Research Coordination

**Category: Translational Medicine**

How Many Patients Does It Take to Develop a New Cancer Drug? A Cohort Study of Pre-license Oncology Drugs
Primary author: Nora Hutchinson
Keywords: Translational Medicine, Health Economics, Systematic Reviews & Evidence Synthesis

**Category: Trial Design**

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Determining a Bayesian Predictive Power Stopping Rule for Futility in a Non-Inferiority Trial with Binary Outcomes: The INK trial
Primary author: Anna Heath
Keywords: Trial Design, Statistical Analysis

Multi-arm multi-stage designs with fixed stage-wise sample sizes
Primary author: Michael J. Grayling
Keywords: Trial Design

National Institute of Neurological Disorders and Stroke (NINDS) Common Data Element (CDE) Recommendations: Project Overview and Recent Updates
Primary author: Muniza Sheikh
Keywords: Trial Design, Trial Management & Research Coordination

Optimal incomplete designs for stepped wedge trials in continuous time
Primary author: Richard Hooper
Keywords: Trial Design

Patient-Focused Research on Metachromatic Leukodystrophy
Primary author: Patricia Vanderwolf
Keywords: Trial Design, Health Informatics, Trial Management & Research Coordination

Sample Size Estimates for Optical Coherence Tomography Outcome Measures Based on Trends Observed in the SPRINT-MS Trial
Primary author: Janel K. Fedler
Keywords: Trial Design, Outcomes, Statistical Analysis

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Primary author: Xiaoyan Yin
Keywords: Trial Design, Statistical Analysis, Personalize Medicine

Simulation-based Design of Pragmatic Trials in Psoriatic Arthritis Using Propensity Scores
Primary author: Alisa J. Stephens-Shields
Keywords: Trial Design, Statistical Analysis, Outcomes

Successful implementation of a novel trial design in a palliative care population
Primary author: Kathryn B. Arnold
Keywords: Trial Design, Recruitment & Retention, Choosing interventions

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Primary author: Anna Heath
Keywords: Trial Design, Statistical Analysis, Health Economics
The Value Proposition of eConsent in Clinical Trials
Primary author: Hannah F. Glenny
Keywords: Trial Design, Recruitment & Retention, Information Systems & Technology

Sample Size Methods for Two-Stage Randomized Trials with Time to Event Data
Primary author: Rouba A. Chahine
Keywords: Trial Design, Recruitment & Retention, Statistical Analysis

Understanding the Length of Consent Forms for Cancer Clinical Trials
Primary author: Quyen Duong
Keywords: Trial Design, Statistical Analysis, Trial Management & Research Coordination

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Primary author: Wendi Liang
Keywords: Trial Design, Trial Management & Research Coordination, Statistical Analysis

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Keywords: Trial Design, Statistical Analysis, Systematic Reviews & Evidence Synthesis

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Primary author: Deborah A. Zarin
Keywords: Trial Design

Efficient Bayesian Adaptive Design for Oncology Clinical Trials with Multiple Biomarker Subgroups
Primary author: Daniel HJ. Kang
Keywords: Trial Design

Category: Trial Management & Research Coordination

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Primary author: Janet Athene Lane
Keywords: Trial Management & Research Coordination, Recruitment & Retention

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Primary author: Carlton A. Hornung
Keywords: Trial Management & Research Coordination, Involving Research Partners
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Primary author: James S. Wise
Keywords: Trial Management & Research Coordination, Data Management, Information Systems & Technology

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Primary author: Brian K. Burke
Keywords: Trial Management & Research Coordination, Data Management

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Primary author: Kari Williams
Keywords: Trial Management & Research Coordination

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Primary author: Matthew J. Gooden
Keywords: Trial Management & Research Coordination, Data Management, Recruitment & Retention

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Primary author: Levent Bayman
Keywords: Trial Management & Research Coordination, Statistical Analysis, Data Management

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Keywords: Trial Management & Research Coordination, Information Systems & Technology, Data Management