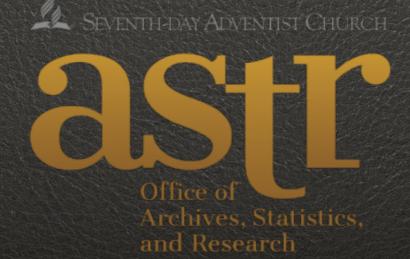
# Research and digital resources: An agenda for the twenty-first century

D. J. B. Trim Office of Archives, Statistics, and Research



Big Data, we are told, will transform bow we live, work, and think

But is it transforming how the Church works and does business (how we go about "our Father's business")??

Are we utilising data?
Or just amassing it?



(Houghton Mifflin Harcourt, 2013)

## Research and analysis are necessary if data is to be meaningful & useful

- We can use widely available "big data" to enhance our outreach, but this requires expertise; Adventist colleges and universities have a key role to play.
- The Seventh-day Adventist Church could collect its own data in different ways, using digital technology, which means it could also collect new types of data.
- But the reason to collect new data is to improve our ministry and mission, which means it needs analysis.

## Digital data can transform research, making it even more powerful

- SO: "Big data" & the new types of denominational information that can be collected electronically will both be optimised by research
- **However**, research can also be enhanced, in some cases even transformed, by the digital revolution...
- · Researchers need to make the most of "big data"
- The denomination needs to make more information available electronically.

### A new age for Adventist Studies

- All this means that the Church needs to embrace research and analysis more than ever before.
- Adventist scholars have the expertise to serve their Church not just by teaching but by research.
- Once research was something nice for scholars to do if they could be spared from their teaching.
- Now the Great Second Advent Movement needs its universities to become **knowledge powerhouses**.

EXAMPLES OF THE POWER OF: DIGITAL DATA COLLECTION ONLINE DIGITAL RESOURCES "BIG DATA" ANALYSIS ADVENTIST-RELATED RESEARCH

## These are all relevant to universities and colleges, because your faculty:

Will want to know about the resources, to use them for their research Can take the Adventist resources and make them more meaningful & and useful

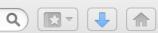
Can assist conference/mission/union leaders in analysing secular "big data"

Potentially can partner with division leaders or us at the GC in major church research projects

## 1. Three examples of denominational digital data collection

- eAdventist: collecting and reporting local church statistics in NAD
- ACMS (Adventist Church Management System)—collecting, managing & reporting local church data, initially in SAD, but going worldwide
- **MyReport**: collecting & reporting denominational statistics for administrative units









eadventist.org

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eA

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**PRIVACY** 

e A d v e n t i s t **MEMBERSHIP** LOGIN

e A d v e n t i s t **PERSONNEL** LOGIN



#### **WELCOME TO eAdventist POWER FOR MEMBERSHIP MINISTRY!**

- Church membership & church management
- Organization directory and search
- H/R & service records

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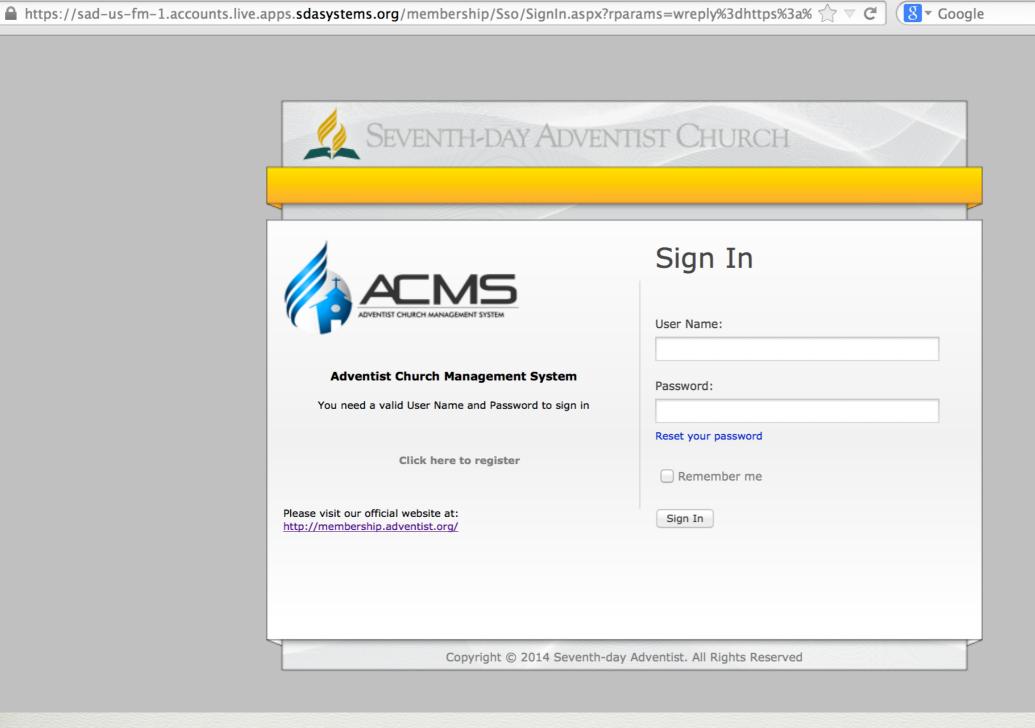


#### **SEARCH ORGANIZATIONS**



DISTANCE SEARCH | ADVANCED SEARCH | EXPLORE

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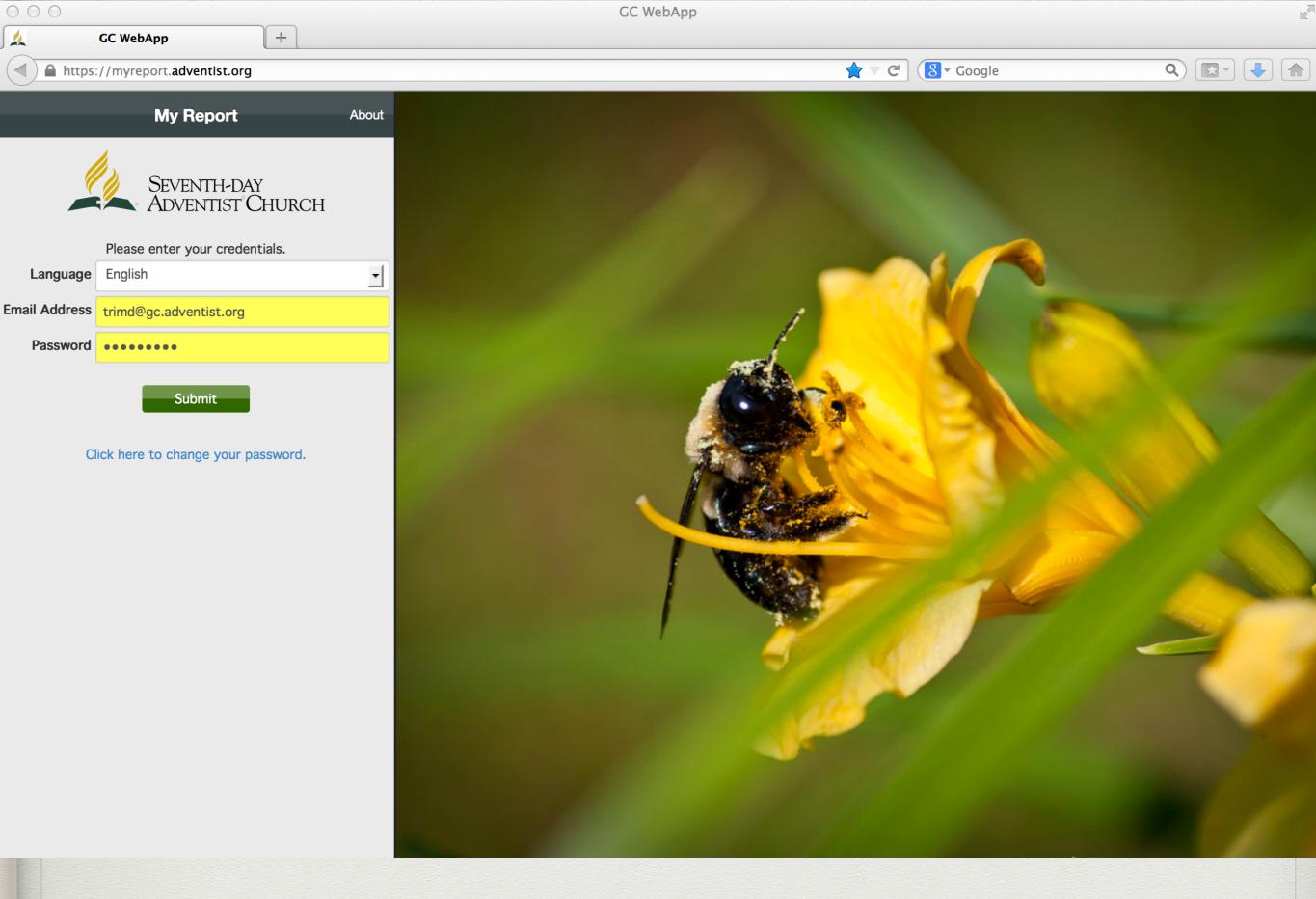
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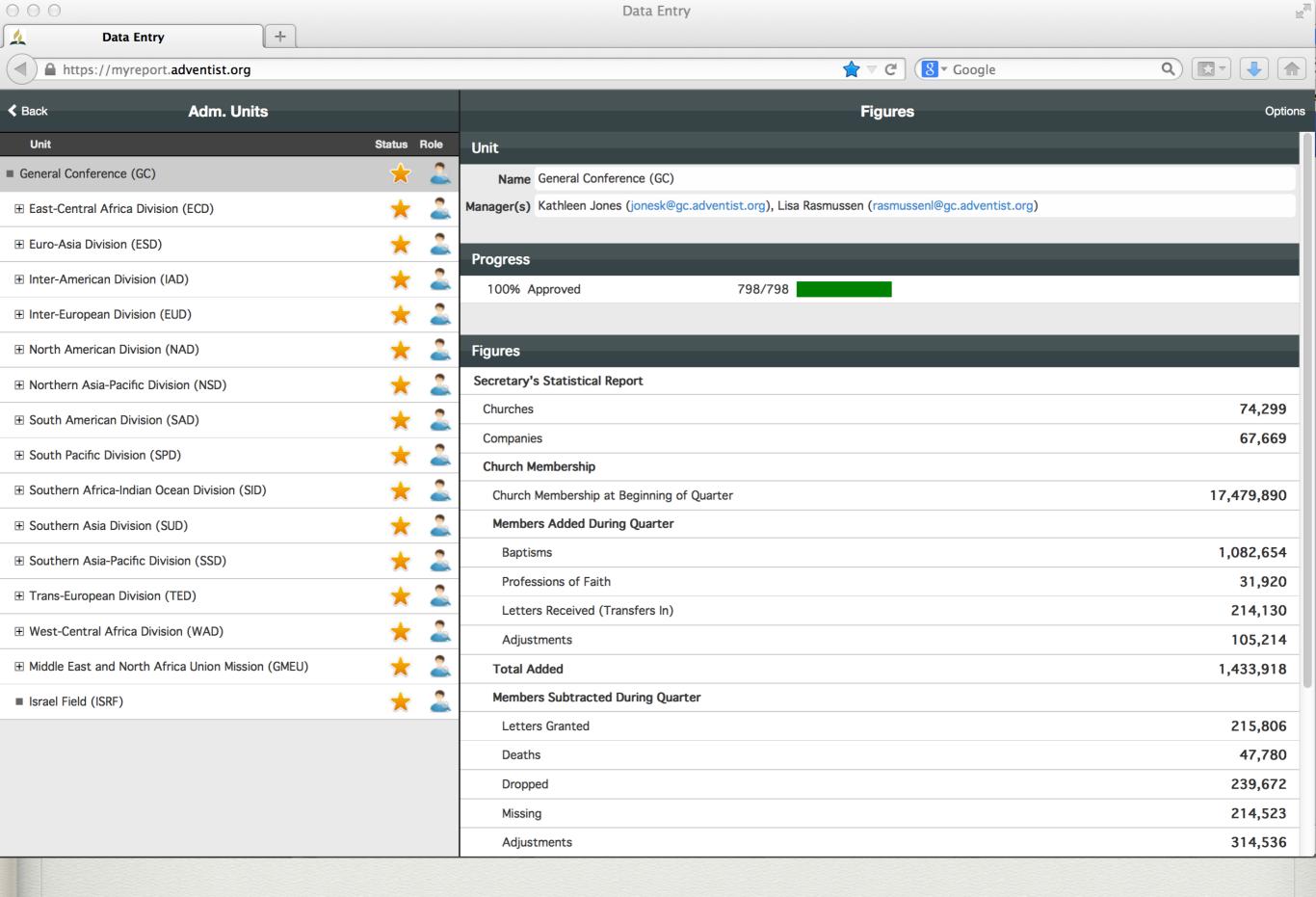
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ACMS log-in screen



MyReport Log-in Screen

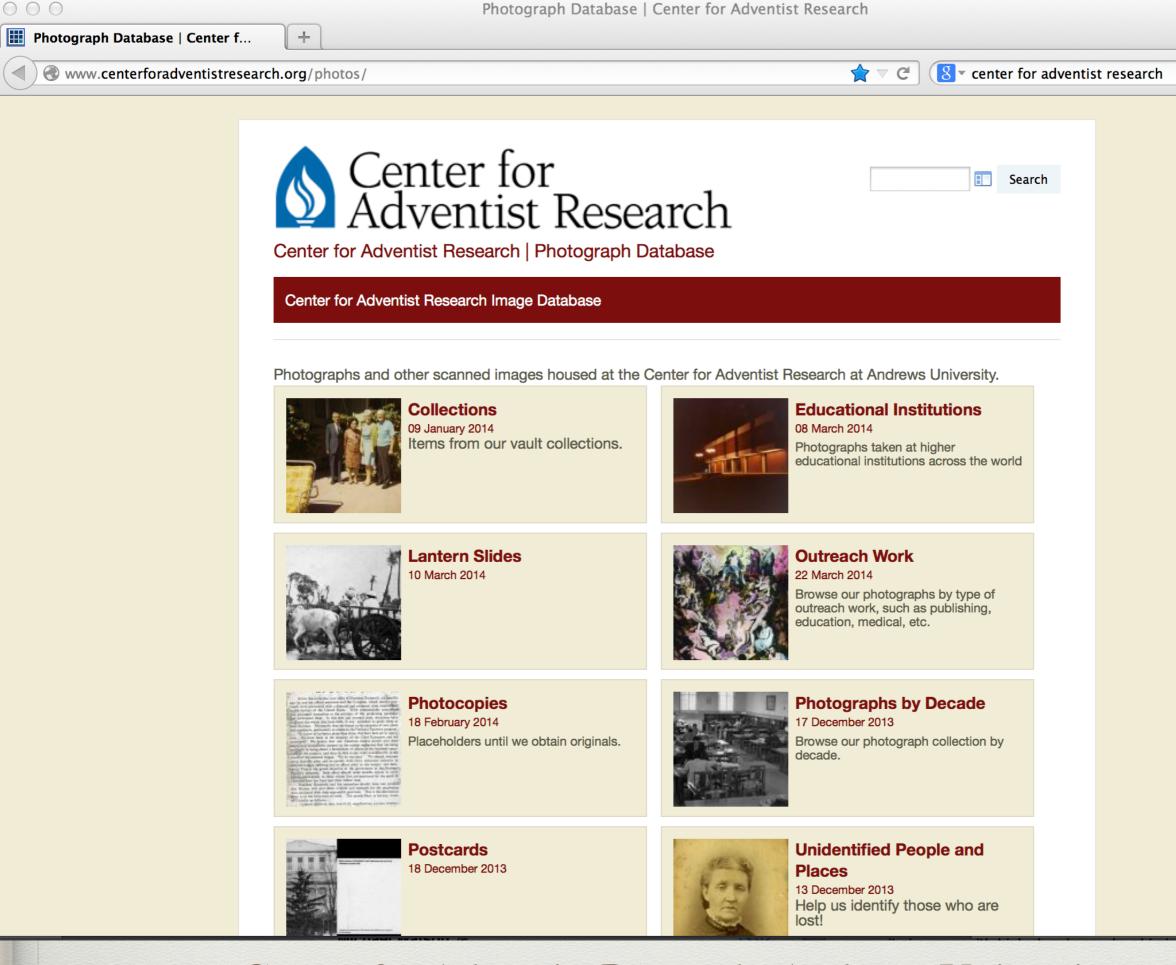


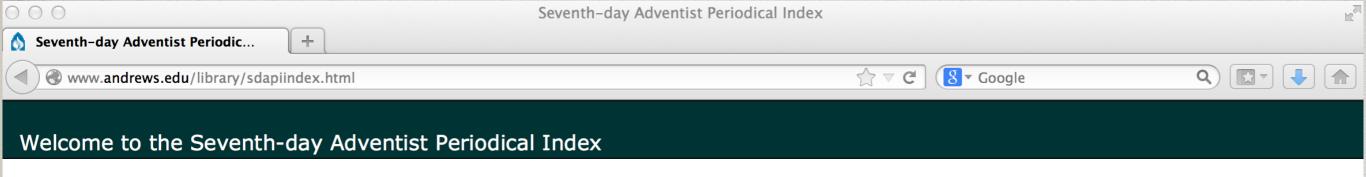
MyReport: 4th Quarter 2012 report screen

## Limits to accessibility

- Privacy laws around the world mean access to ACMS and eAdventist databases is limited
- However, abstract cumulative data will be available, if only through the *Annual Statistical Report*
- Eventually the *ASR* may be replaced by a statistics website updated in real time, increasing the value of church statistics for analysis of trends, etc.
- But also, collecting data this way means it is possible to collect far more than traditional official statistics

## 2. ADVENTIST SCHOLARLY RESOURCES ONLINE





## Search the Seventh-day Adventist Periodical Index by:

**WORDS** in Title, Subject or Notes

**AUTHOR** 

**Article TITLE** 

**SUBJECT Heading** 

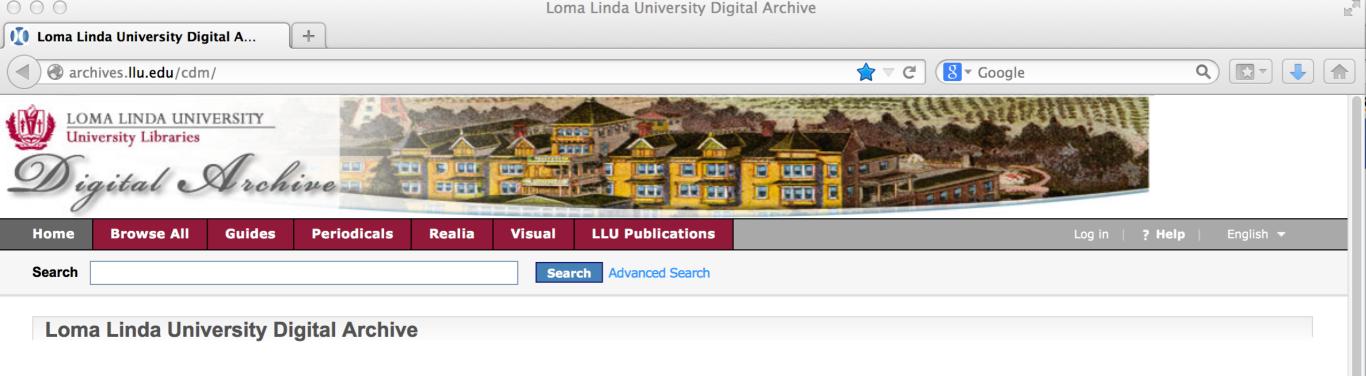
**JOURNAL Title** 

Occasionally we get reports of individuals that are unable to access this Periodical Index. In every case so far, the problem has been resolved by allowing the firewall at your site access to port 82 at jewel.andrews.edu. While some IT people are reluctant to do this, it can be restricted to only this site (jewel.andrews.edu). Pacific Press has reported that you should also allow access to 143.207.5.3:82. (Thanks)

Updated March 10, 2014

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#### **All Collections**

#### Adventist Heritage Magazine Collection

The first eighteen volumes of the Adventist Heritage Magazine dating from 1974 to 1998.

**Browse this Collection** 

## Heritage

#### About the collections

The Loma Linda University Digital Archive contains collections of archival materials including: Loma Linda University historic publications, photos and documents; Seventh-day Adventist historic publications, photos, bookmarks and other documents.

#### Allen and Johnson Families Photograph Collection

This collection consists of 25 photographs of various members of the Allen and Johnson Families, and a few images taken in South America by various family members while serving in a mission capacity. The individuals represented are: Helen Johnson, Franklin C. Johnson, Esther Allen Johnson, H. R. Johnson, Ole Andrew Johnson, Alvin ...

more...



#### American Medical Missionary College Collection

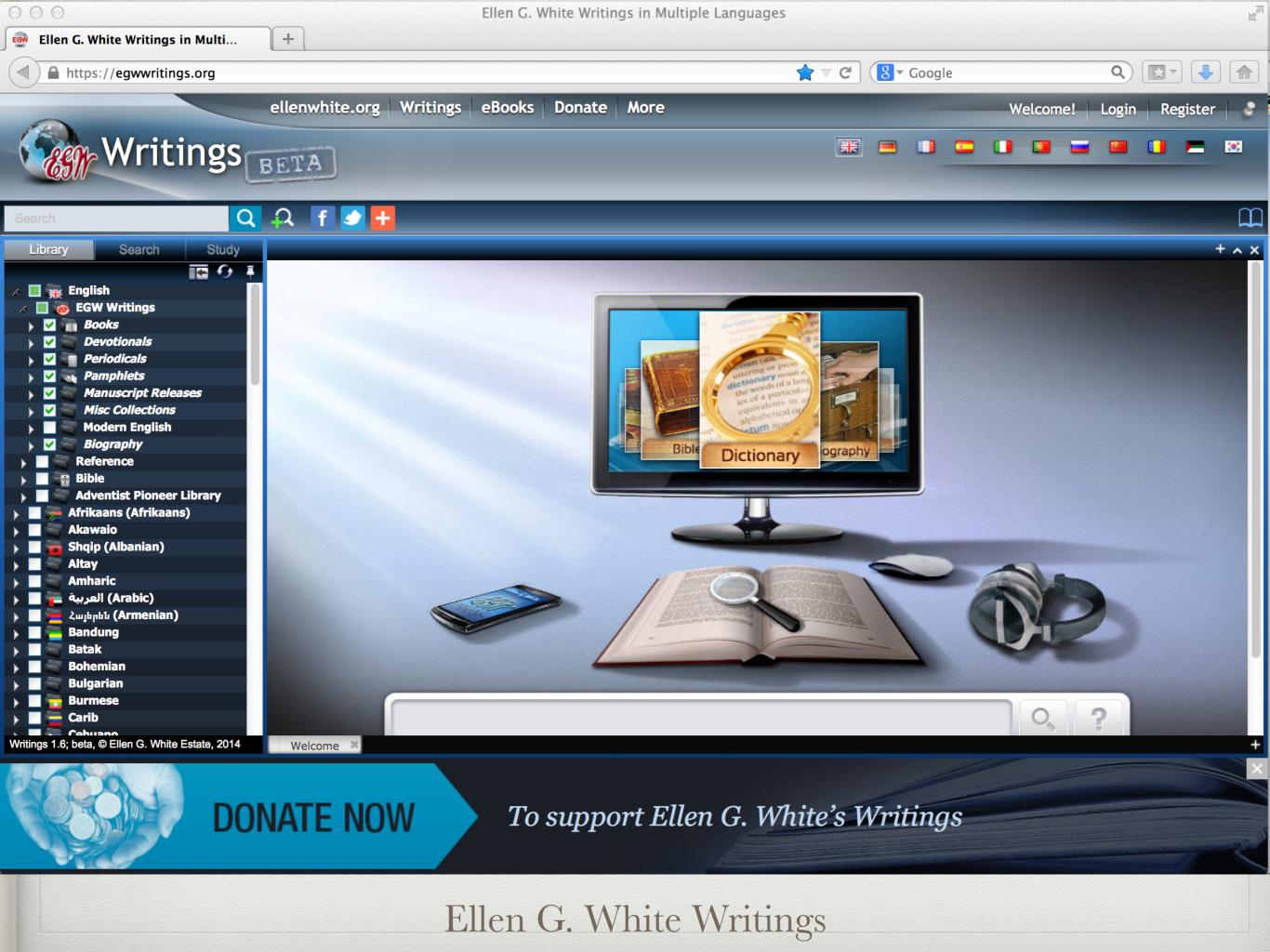
American Medical Missionary College was a co-educational Seventh-day Adventist medical school that operated from 1895 to 1910 in Chicago,



#### Loma Linda University Digital Archive



UNASP: Centro Nacional de Memória Adventista (Brazil)





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www.adventistarchives.org

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Office of Archives, Statistics, an...





**YEARBOOK** 

**ONLINE ARCHIVES** 

**STATISTICS** 



ASTR brings together the Seventh-day Adventist Church's past and present in order to inspire for the future

#### ABOUT THIS SITE

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#### RECENT VIDEOS





"This Week in Adventist History" (March 21, 2014)

Dr. David Trim remarks on the beginnings of Casa Editora Sudamericana, Asia-Pacific...



"Forgotten Adventist Stories" by David Trim (September 18, 2012)

Dr David Trim presents forgotten stories of Seventh-day Adventists at Avondale College....

#### **IMPORTANT** ANNOUNCEMENTS

#### **January 2014 TOSC Papers** Now Available

Now available online: reports to the January 2014 meeting of TOSC from the 13 Division Biblical Research Committees; new research papers to be added shortly.

READ MORE

#### **Adventism and Adventist History: Sesquicentennial** Reflections

Conference with cutting-edge papers on Adventist history and historiography

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www.adventistarchives.org/ordination#.UzJM3146F7Y

















Home

Theology of Ordination

#### ABOUT THIS SITE

#### THEOLOGY OF ORDINATION

- ▶ January 2014: Papers presented at TOSC
- ▶ About the Theology of Ordination Study Committee (TOSC)
- Official Denominational **Proceedings**

GC Session Actions

GC Committees' Actions

Study Commissions and **Committees** 

Other Officially Commissioned Reports

Resources

**Timelines** 

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#### **Theology of Ordination**

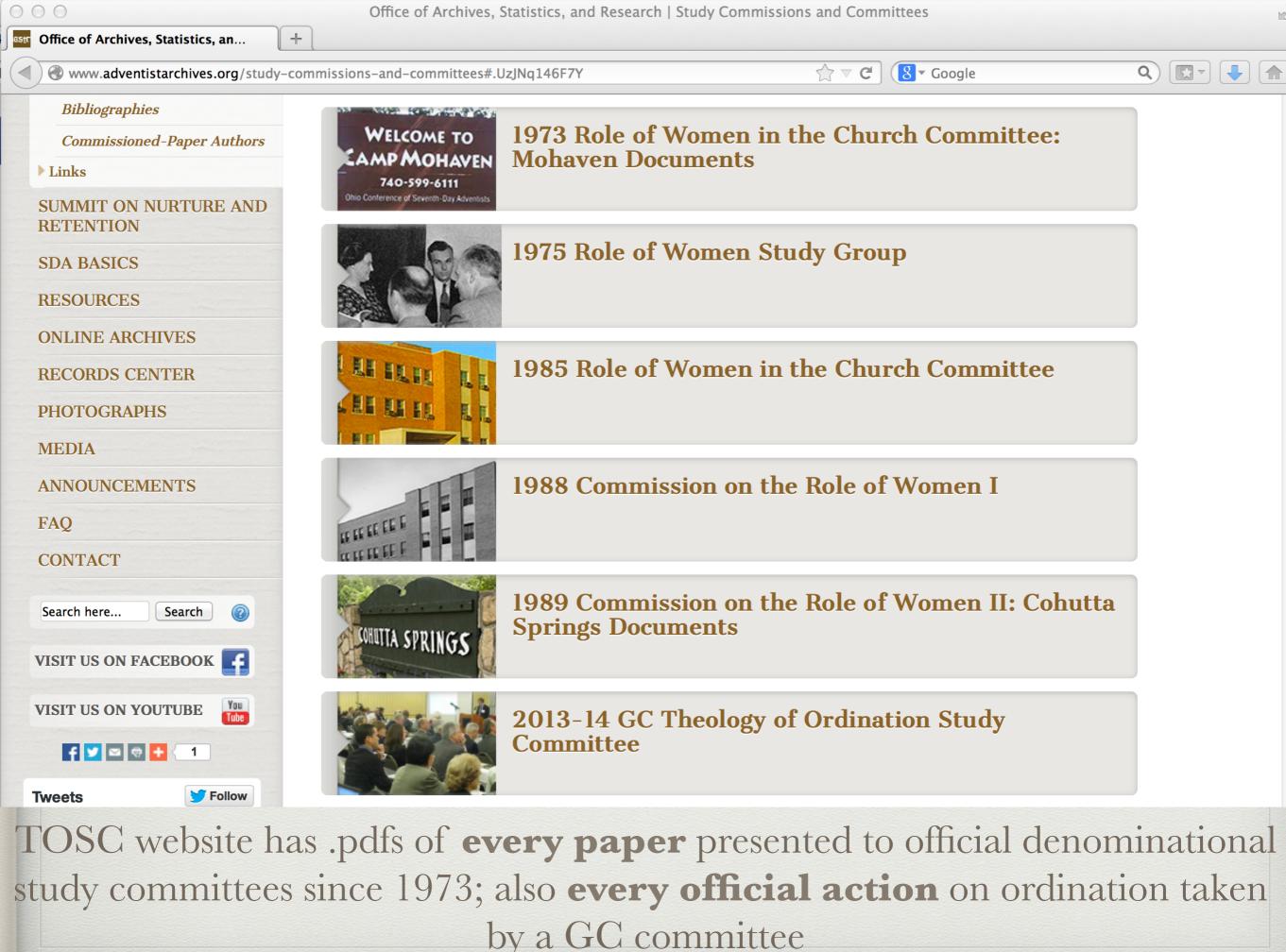
#### Introduction

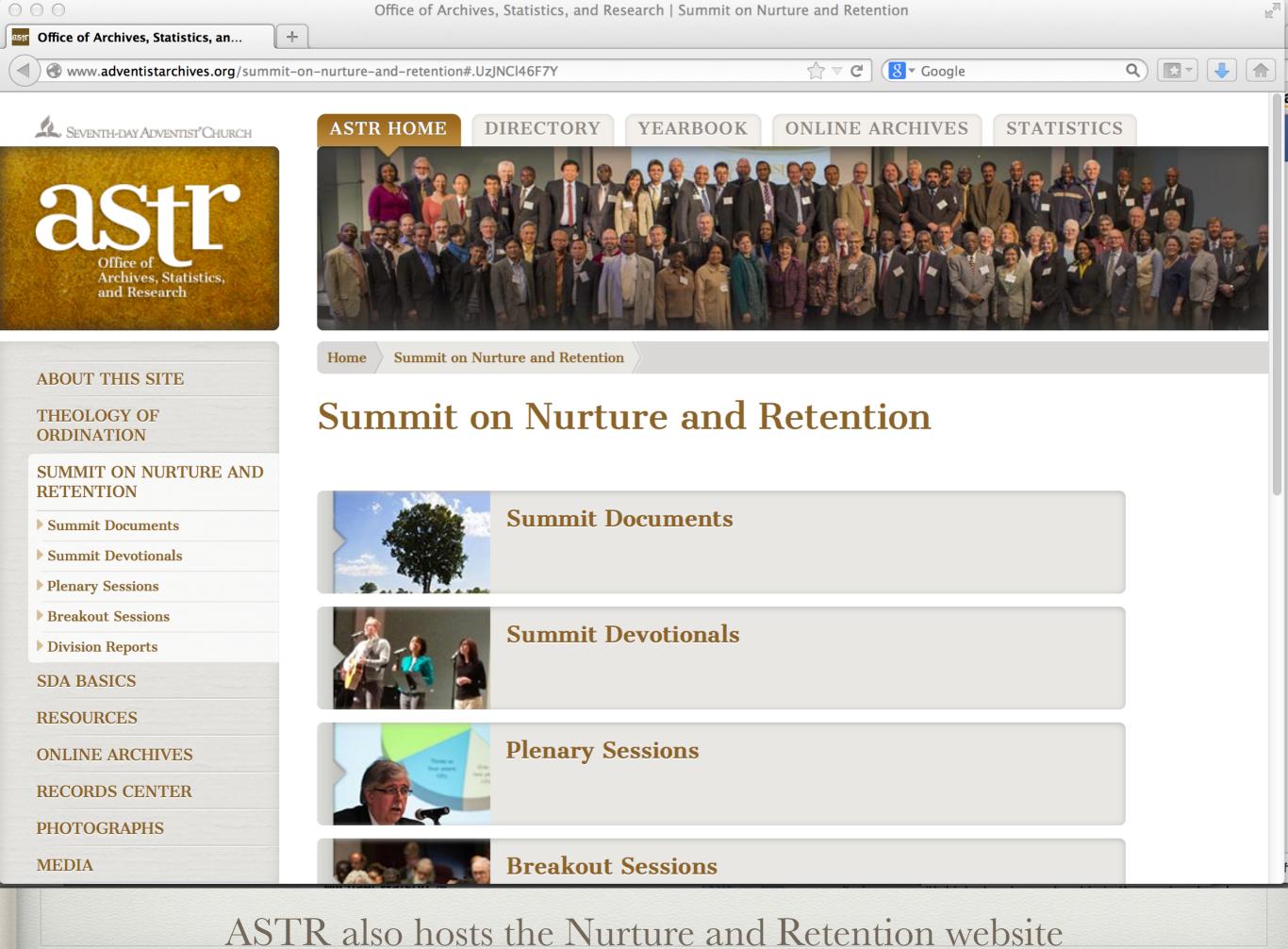
At the 2010 General Conference Session in Atlanta, Georgia, a request was made for an official church study of ordination. In response to this request, on September 18, 2012, General Conference leaders voted to establish the Theology of Ordination Study Committee (TOSC). TOSC is composed of 106 Adventist men and women of diverse ages, ethnicities, and professions, tasked with answering two primary questions which it will report on at the 2014 Annual Council:

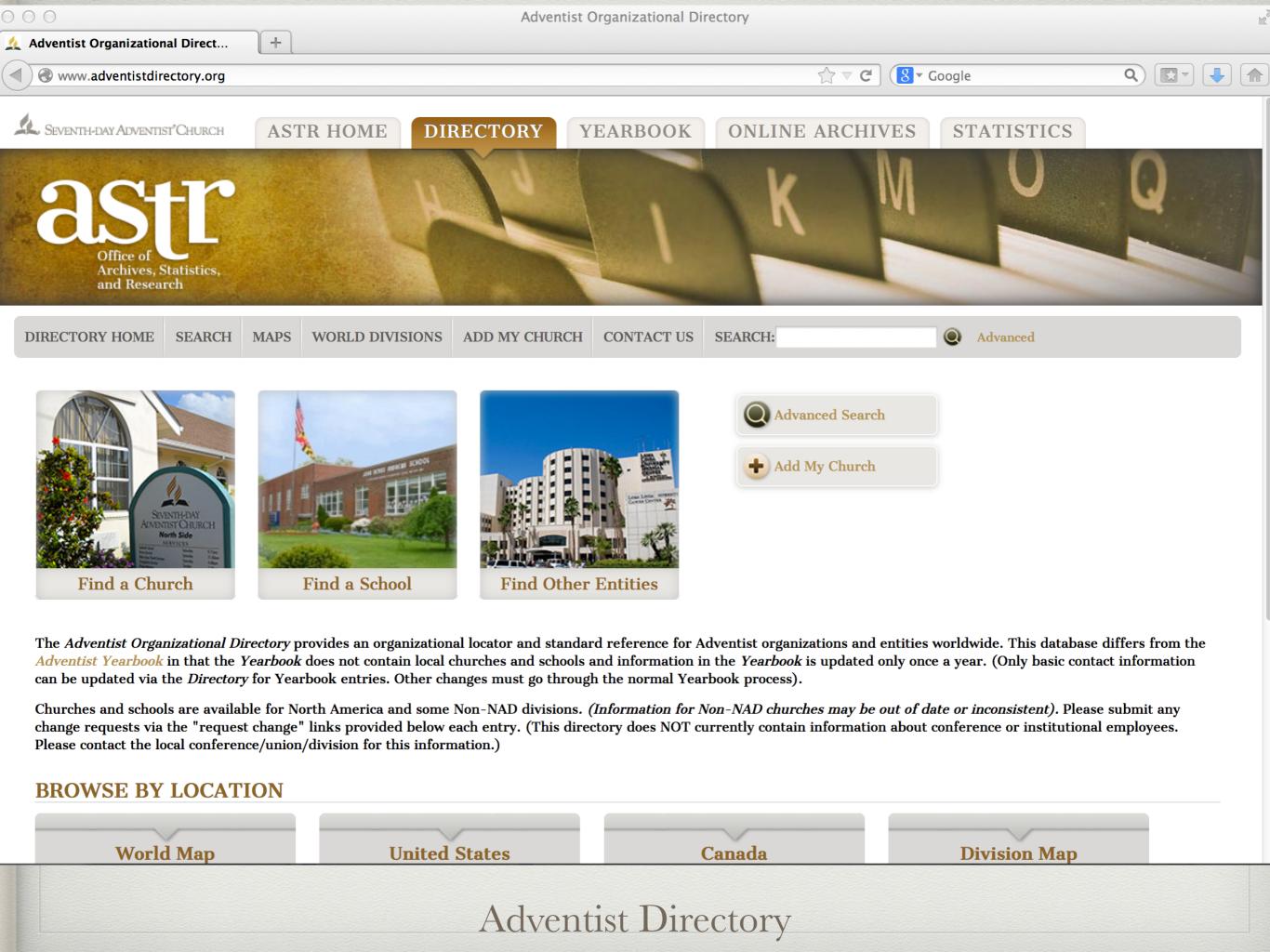
- 1. What is the theology of ordination from a Biblical perspective?
- 2. What should the implications of this theology be for Seventh-day Adventist practices, including the question of women's ordination?

This website is the Seventh-day Adventist Church's repository of official documents, various GC committee actions, resources, and links pertaining to ordination. Its purpose is to encourage productive study, reflection, and discussion as a global Church family.

The information and documents in these pages do not necessarily represent the views or conclusions of TOSC, however, they are all official denominational actions, or documents created as a part of an official study process.









#### Seventh-day Adventist Online Yearbook - LIVE!

Welcome to the Seventh-day Adventist Online Yearbook! The Online Yearbook is now *LIVE*, reflecting changes as they are made to the Yearbook database at the General Conference. To search this live content, use the search box below, or use the Advanced Search page. The content of previous editions can be searched by clicking on a Yearbook cover below, or using the Advanced Search form and choosing the appropriate year. Some older Yearbooks may also be viewed and searched in PDF format. The Adventist Yearbook can be purchased in printed and electronic formats.

#### **W** More information



#### Adventist Yearbook



▶ Report

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Adventist Statistics—download statistics for any area, any period, to Excel!

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documents.adventistarchives.org/default.aspx











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Seventh-day Adventist Church

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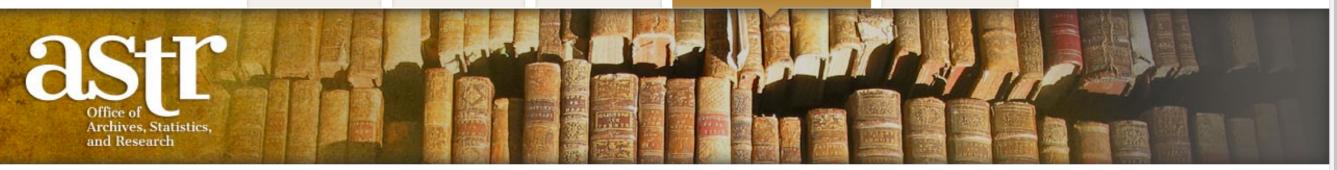
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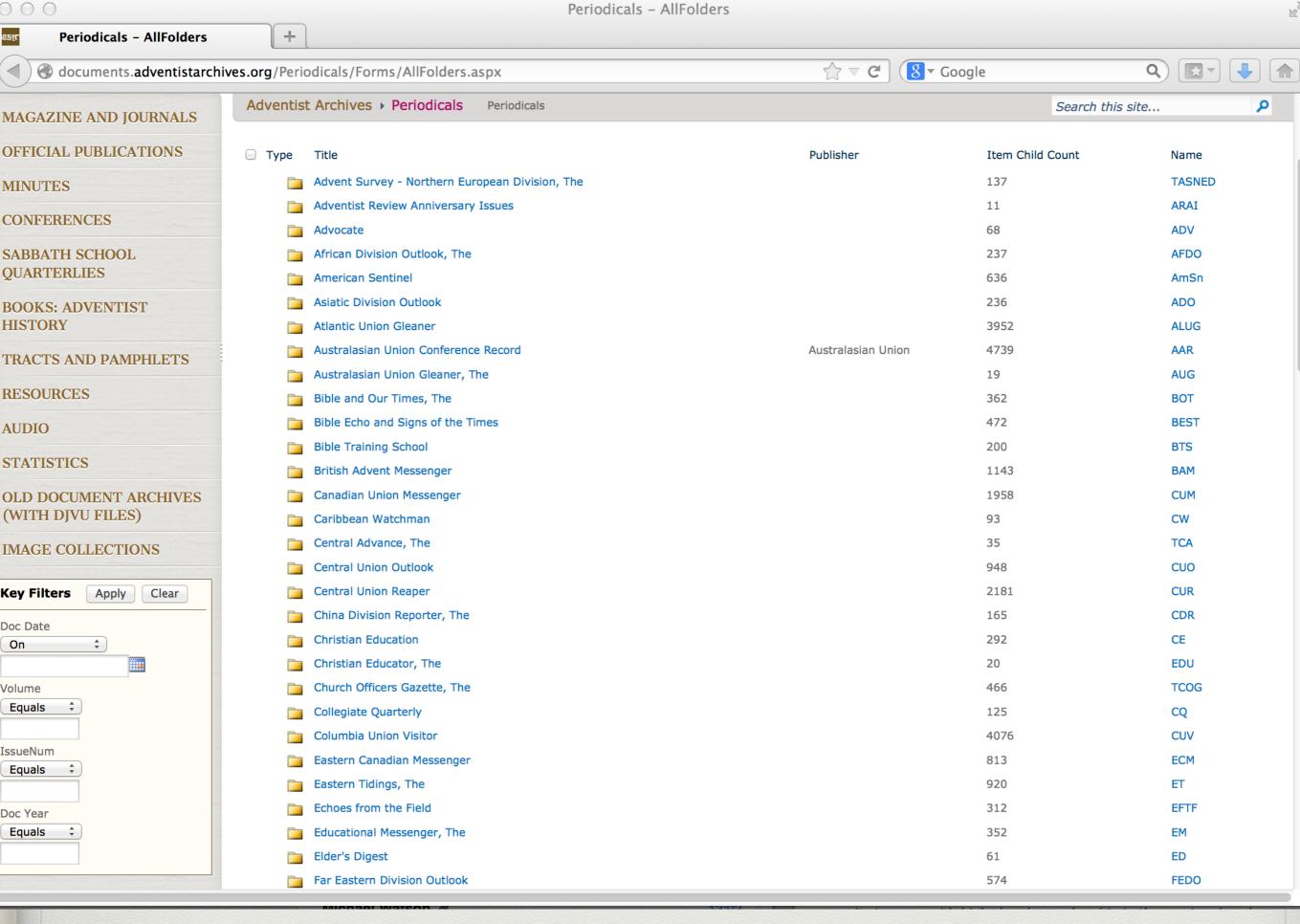
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For more information regarding the General Conference Office of Archives, Statistics, and Research please contact the Director, David Trim.

For comments regarding site design and functionality contact the Webmaster.

The **Office of Archives, Statistics, and Research** is commissioned to preserve all materials produced by the General Conference of Seventh-day Adventists and its departments. The archives houses over 20,000 linear feet of records covering the entire period of the Seventh-day Adventist Church history. Patrons can trace the development of the church through these records, which include legal instruments, minutes, reference files, reports, correspondence, publications, recordings, films, video and audio tapes, and photographs. This site marks the beginning of an effort to place some of the most referenced archival documents in a flexible and expandable online system. (more information)

> The OLD DjVu based Online Archives will still be available for some time though content may become outdated.



Online archive of official periodicals

#### Third Annual Catalogue

OF THE

#### OFFICERS AND STUDENTS

-OF-

### Battle Creek College,

Located at Battle Creek, Michigan,

WITH THE

COURSES OF STUDY, RULES AND REGULATIONS

FOR THE

College Year 1876-7.

BATTLE CREEK, MICH.:
REVIEW & HERALD STEAM BOOK AND JOB PRINT.

1877.

### Departments of Instruction.

THE Collegiate, Normal, and Biblical Departments of instruction, though not wholly distinct from one another, form the basis of a general classification of the students.

#### Courses of Instruction.

It is the earnest desire of the Trustees and Faculty of Battle Creek College, to arrange the studies and the teaching in such a manner as to meet, so far as possible, the practical wants of a large majority of those who wish to extend their study over a period of years in this School. There is a class of students who desire a comprehensive knowledge of the Latin and Greek languages and Classics, as well as a familiarity with the Natural Sciences. Still another, much larger class, from circumstances or other reasons, do not desire to study the foreign languages, but to apply themselves wholly to the Sciences. Many wish to pursue a course of study and training that is especially adapted to fit them for teaching in our Public Schools. After the most careful consideration, therefore, several different Courses of study have been prepared for the purpose of meeting these desires.

#### Collegiate Department.

In the Collegiate Department are pursued those branches usually taught in Colleges and Universities,—the Modern and the Ancient Languages, Physical Sciences, and Mathematics. For the accommodation of all who desire a collegiate education, and from circumstances, tastes, or prospects in life, do not feel warranted in devoting so much time to language, etc., two Courses are arranged; viz., Classical and English.

Each of these has a preparatory course of two years. All students desiring to enter upon the College Course proper must first sustain a satisfactory examination upon the studies of this course.

#### Remarks on Classical Course.

This Course occupies six years, two preparatory and four collegiate. Candidates for it must possess a good understanding of English Grammar, Geography, and the Principles of Arithmetic. A thorough examination must be sustained in these branches before entering on the studies embraced in this Course. This differs from the others, which follow, chiefly in respect to the requirements in the Latin and Greek languages. The Latin extends over fourteen Terms, and requires the study of seven classic authors. The Greek embraces twelve Terms' work and five authors. The claims of these studies, in a liberal system of education, are recognized in all our High Schools and Colleges. To those who design to occupy leading positions as teachers in our schools, a thorough knowledge of these branches of study is indispensable.

#### ORDER OF BRANCHES.

#### Classical Preparatory.

#### FIRST YEAR.

Fall Term.—Latin.—Introductory Latin Book,  Mathematics.—Algebra,  History.—United States,	Olney.
Winter Term.—Latin.—Introduction to Latin Prose,	Olney.
Spring Term.—Latin.—Cæsar and Intro. to Latin Prose,  Mathematics.—Algebra.  Natural Science.—Botany,	Olney.

#### SECOND YEAR.

Fall TermLatin Cæsar and Intro. to Latin Prose,	
Greek.—First Lessons,	Schuyler.
Mathematics.—Algebra,	Gray.
Tracaras Science.—Botaly (part of term),	u g.
William Torini	Harkness.
Greek.—First Lessons,	Boise.
Mathematics.—Algebra,	Schuyler.
Spring TermLatinCicero's Orations, and Prose,	Harkness.
Greek.—First Lessons,	Boise.
Mathematics.—Algebra, completed,	Schuyler.

#### Classical Course.

Classical Course.	
FIRST YEAR.	
Fall Term.—Latin.—Virgil's Æneid,	Boise.
Winter Term.—Latin.—Virgil's Æneid,	Boise.
Spring Term.—Latin.—Virgil's Æneid,	
SECOND YEAR.	
Fall Term.—Latin.—Horace,	Boise.
Winter Term.—Latin.—Livy,	Lincoln.
English Language.—Rhetoric,	
Spring Term.—Latin.—Livy,	Boise

#### THIRD YEAR.

Fall TermLatinQuintilian,	_
Natural Science.—Natural Philosophy,	Norton.
Mathematics.—Geometry,	Chauvenet.
Winter Term.—Greek.—Homer's Iliad,	Boise.
Natural Science.—Natural Philosophy,	Norton.
Mathematics — Geometry,	Chauvenet.
Spring Term.—Greek.—Homer's Iliad,	Boise.
Natural Science.—Natural Philosophy,	Norton.
Mathematics —Geometry,	Chauvenet.
FOURTH YEAR.	
Fall Term.—Latin.—Tacitus,	T pning?
Natural Science.—Chemistry,	
Mathematics.—Trigonometry,	Davies
Winter TermNatural ScienceChemistry,	Barker.
Mathematics.—Trigonometry,	Davies.
Natural Science.—Astronomy (Lectures),	-
Spring Term.—Greek.—Demosthenes de Corona,	
Geology.—Geognosy,	Lora.
Geology.—Geognosy,	Lora.

#### Remarks on English Course.

This is designed for those who do not desire to devote so much time to the study of language, or who, for other reasons, cannot do so. One language is allotted a place during the last two years of the Course. Which one it shall be, the student may decide.

#### English Preparatory.

#### FIRST YEAR.

Fall Term.—Arithmetic.—Colburn's Common School, pages 153-209.

English Grammar.—Syntax of words.

Geography.—"Our World," No. II., to page 80.

- At present, EGW Estate, the GC Archives, and the Center for Adventist Research (CAR) are the largest online digital collections
- Loma Linda and UNASP have significant bodies of materials online
- Other universities / colleges are starting to digitise:
   e.g. Canadian University College, Newbold College,
   Walla Walla University, Pacific Union College

- But each digital collection has a separate website...
- The EGW Estate, CAR and ASTR are working to create a common platform—one portal for historic Adventist materials online:

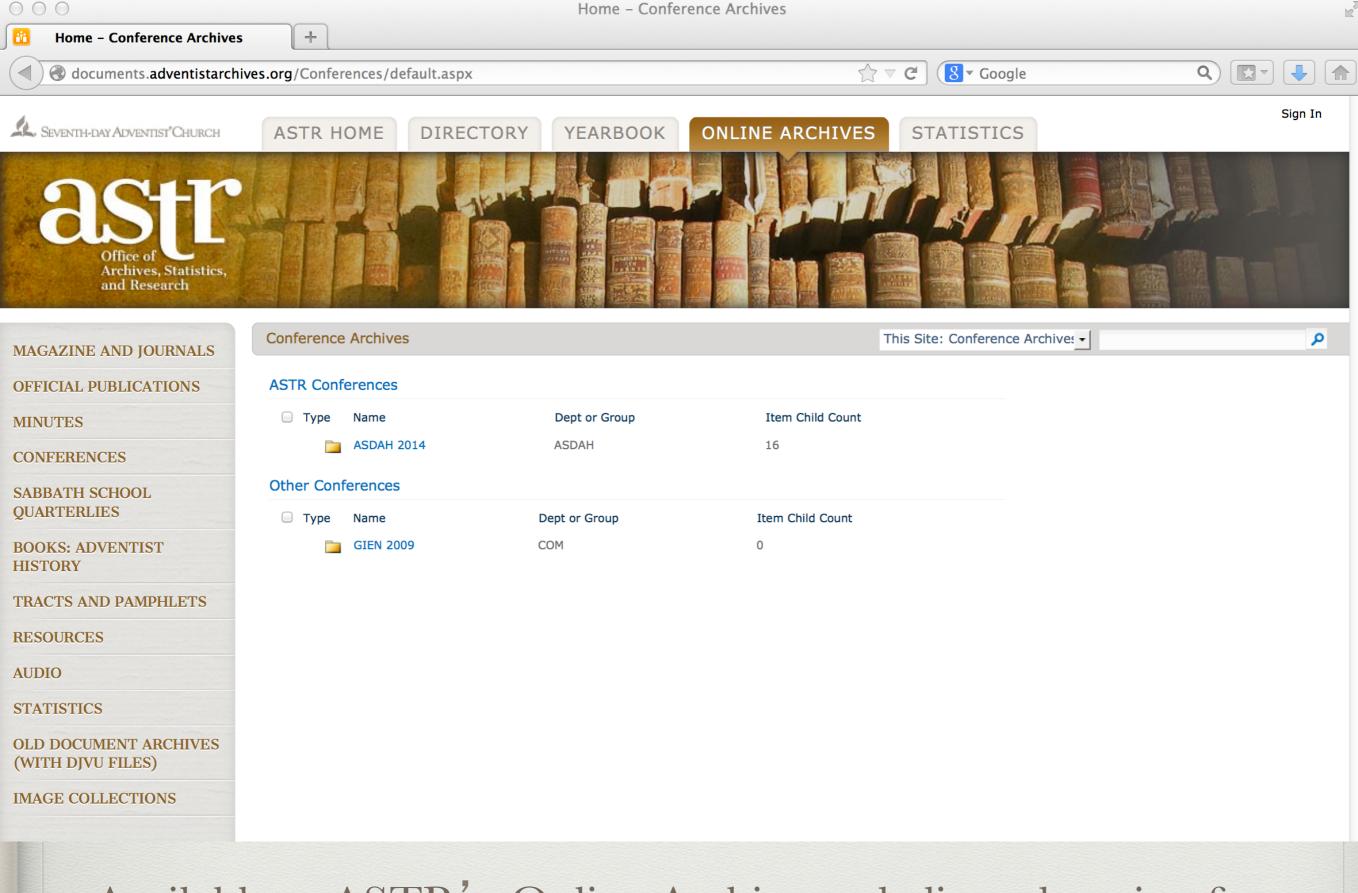
• The Adventist Digital Library (ADL)

- The General Conference has invested heavily in the creation of the Adventist Digital Library, paying for hardware, software development, staff salaries, and incidental costs.
- It will be **freely available** to all church members; but it will give every Adventist higher education institution with web access a world-class research library on Adventist Studies.
- **Timeframe:** we anticipate it will go live before the 2015 GC Session.

- However:
- To keep updating the database;
- To allow for other institutions to add their digitised materials;
- To translate materials into other languages...
- All this has a cost. Thus, in order for the ADL to be an optimal asset for teaching, learning and scholar-ship, it needs ongoing financial support from Adventist higher education institutions, on top of the initial investment by the General Conference.

## Optimising existing resources

- Even before the ADL goes live, however, the wealth of resources on the White Estate and GC Archives websites (in particular) are still easily accessible.
- And there are possibilities for GC Archives to help publicise the research being done by **your** faculty and students, or hosted at your institution.



Available at ASTR's Online Archive: a dedicated section for posting papers from conferences—often difficult to publish a conference's proceedings, but this is a way to make them available

# 3. ANALYSING "BIG DATA" FOR MISSION PURPOSES

# Consumer demographics applied to evangelism

- Demographic and sociological profiling of areas prior to outreach plans can be transformed.
- Examples of "big data" available in many countries or regions: spending patterns, transport use, reading patterns—all from credit card and loyalty program data.
- Many conferences would like to have this data, so that outreach methods can be tailored; but not all have staff with necessary analytical skills.

### Using crowd sourcing

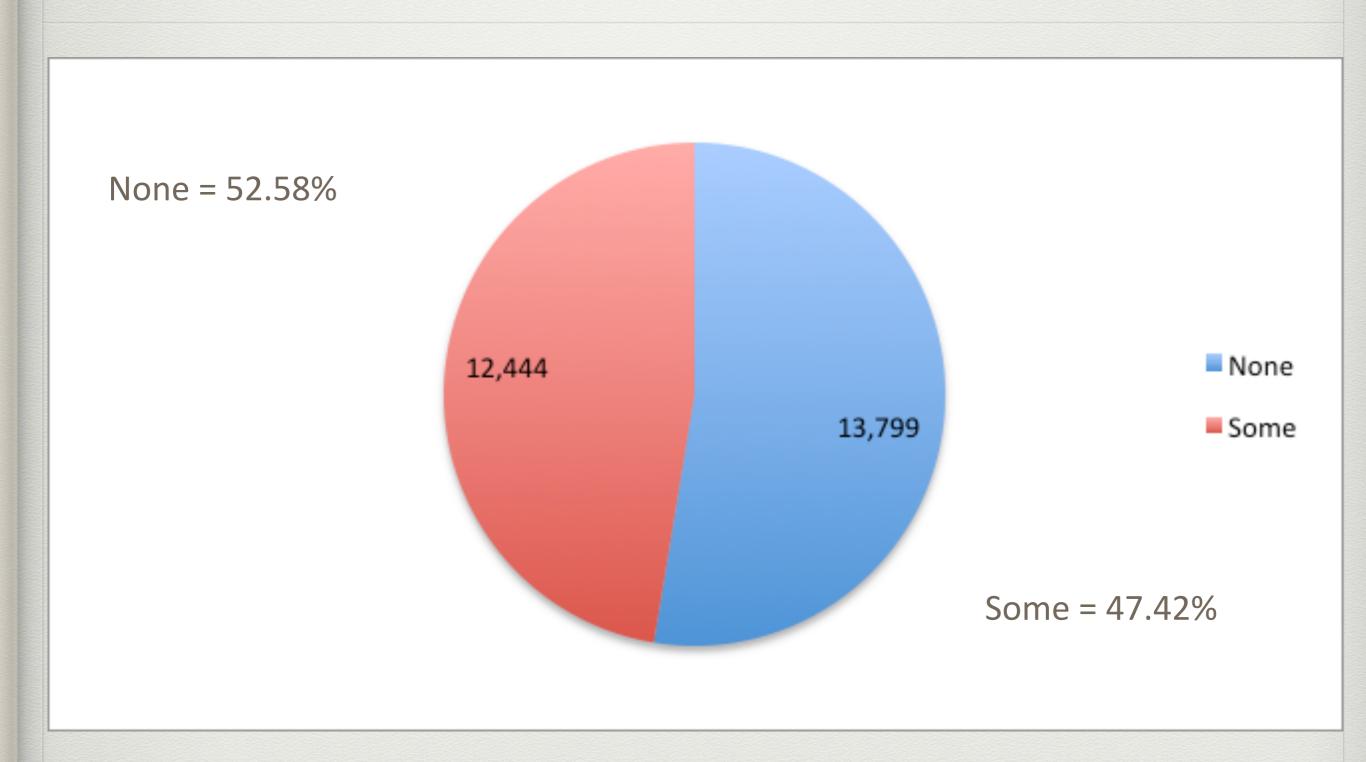
- Denominational institutions often supply multiple and contradictory addresses; this makes mapping (for analytical purposes) and insurance difficult.
- Rather than paying for numbers of buildings and their addresses to be verified, a university could set up a project for students to take cell-phone photos of all the buildings in a given conference or union, which could be geo-coded by the phone and then uploaded to a website.

# 4. SOME RESULTS OF ADVENTIST-RELATED RESEARCH

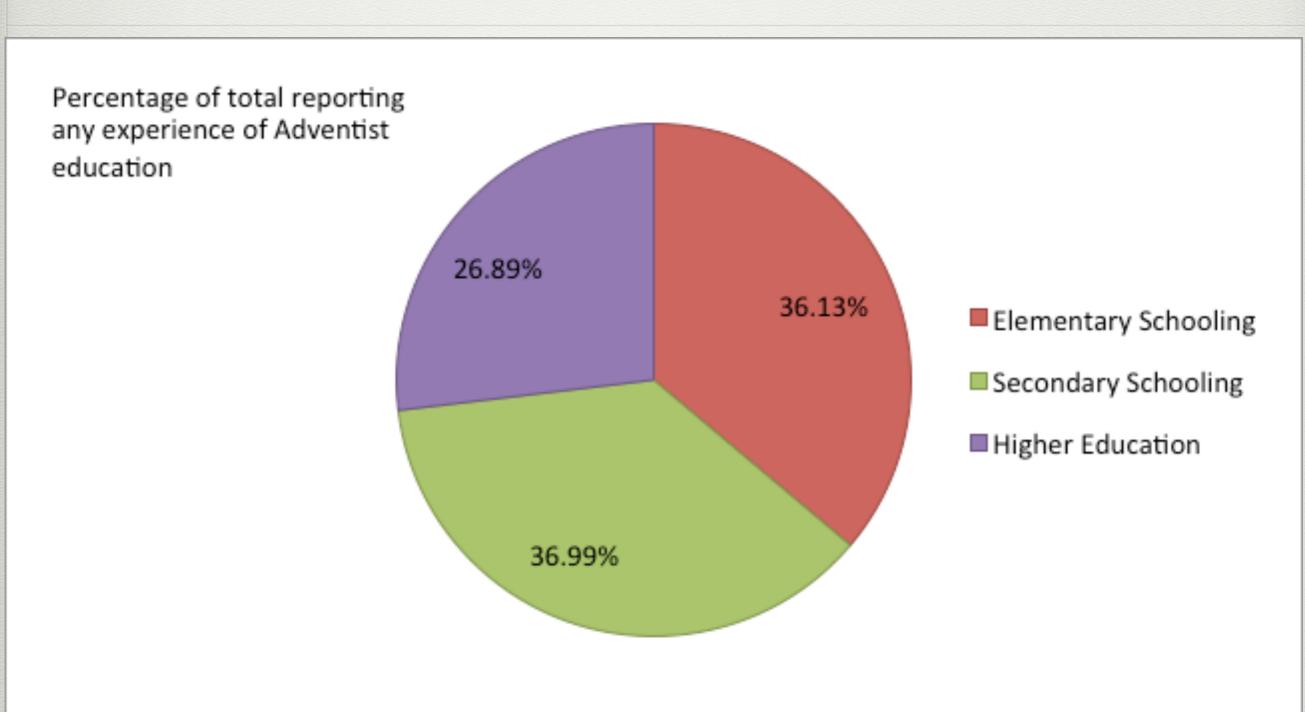
#### Five major research projects

- Over 41,000 interviews or completed questionnaires from all around the world:
- 4,260 pastors from all divisions and 93% of unions shared about their experience in ministry
- Two surveys on beliefs, attitudes, experiences in the local church, and spiritual-life practices:
- More than 26,000 church members from 6 continents and 9 divisions
- Almost 1,200 current students/recent graduates—aged 20-30—of Adventist universities in North America
- Also:
- iv. Over 900 ex-SDAs shared the experiences that led to them leaving our ranks
- v. 9,000 church-members on four continents responded to surveys as part of a detailed study of tithing and stewardship practices

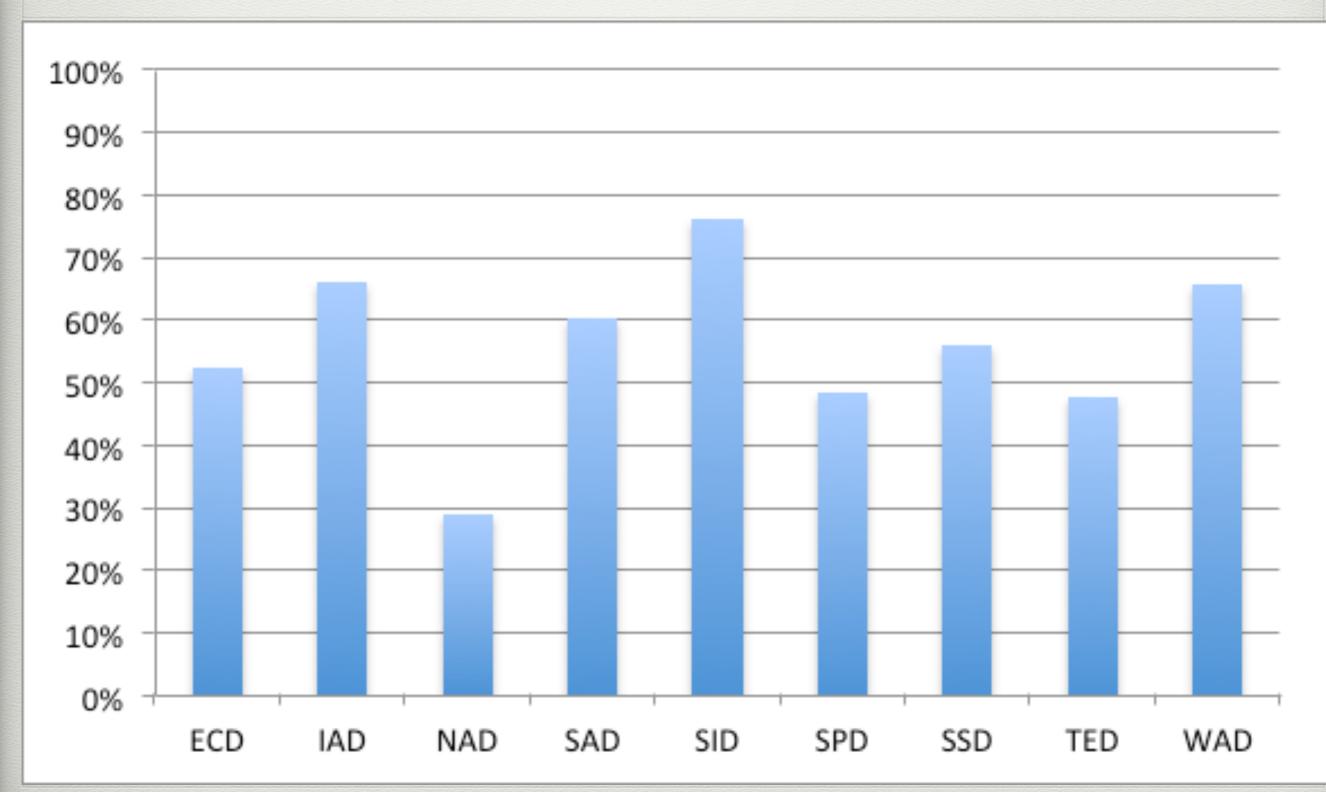
### Respondents with some Adventist Education



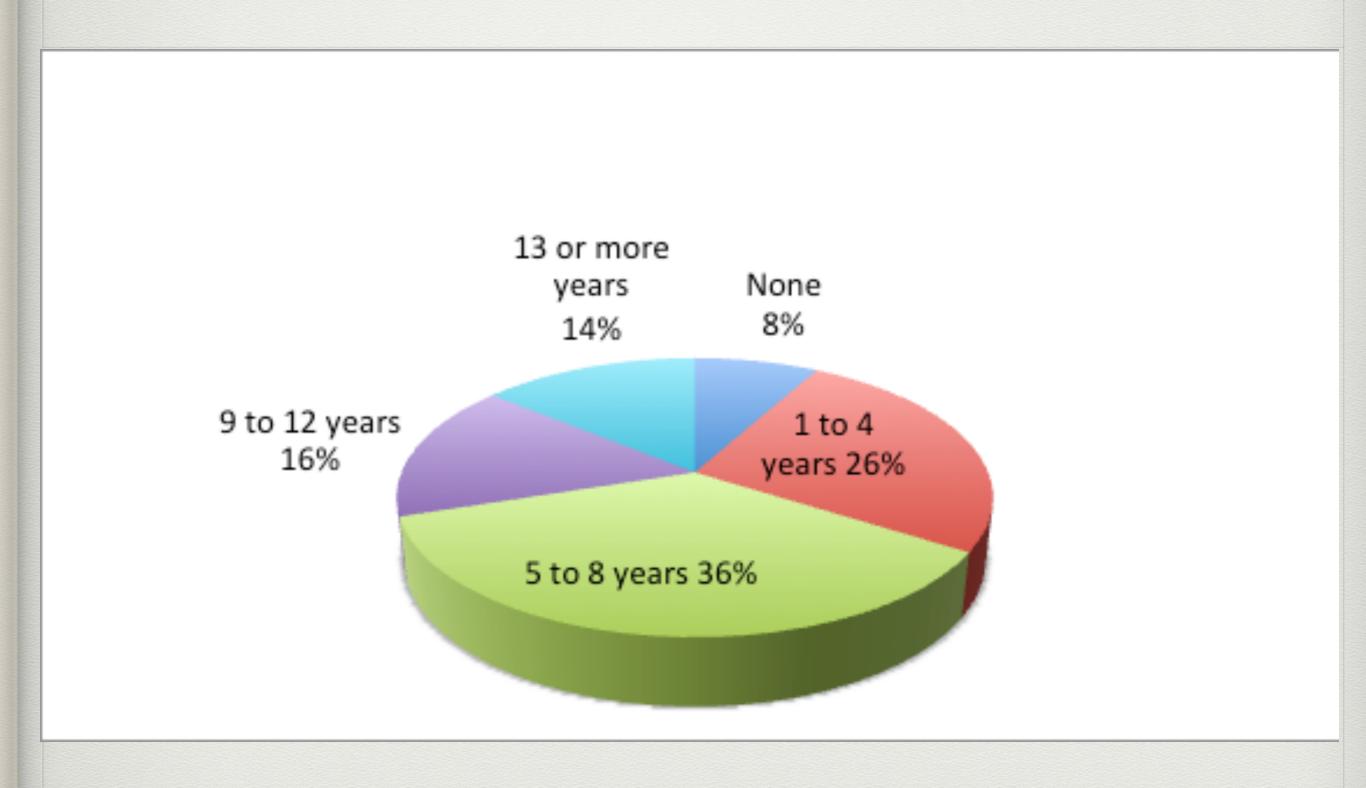
### Experience of different levels of Adventist education



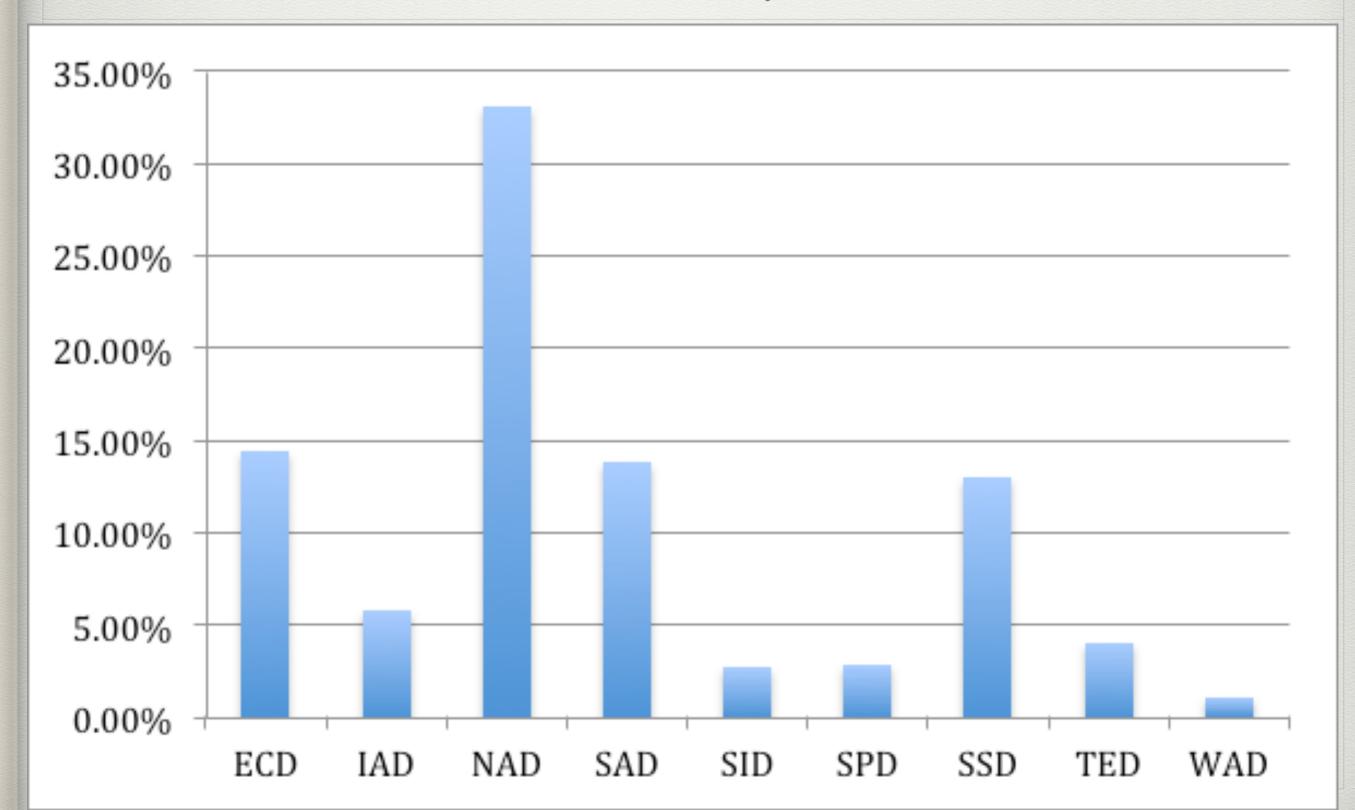
# Percentage with *no* Adventist education, per Division



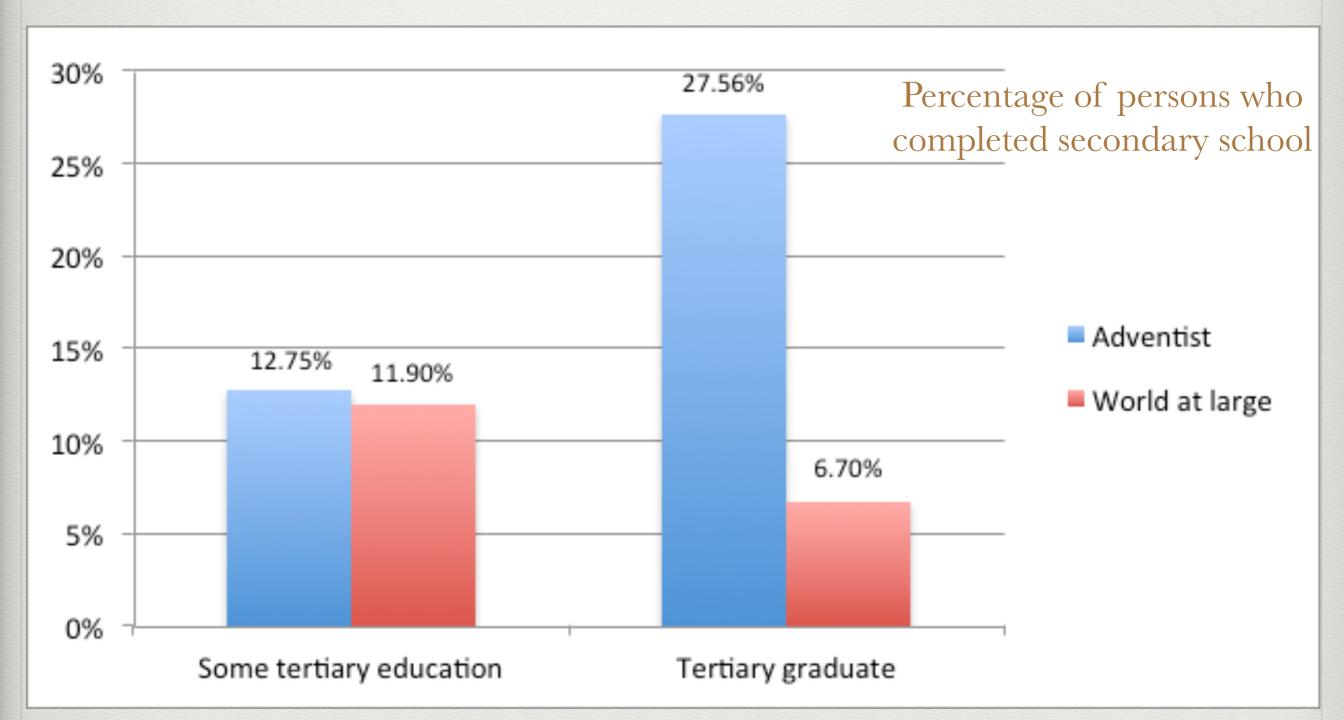
### Pastors' experience of Adventist Education



## Respondents with experience of SDA higher education: division-by-division share



### Adventist experience of higher education in context



Robert J. Barro & Jong-Wha Lee, "A new data set of educational attainment in the world, 1950–2010", *National Bureau of Economic Research, Working Papers*, no. 15902 (April 2010), p. 32

# Adventist education is a spiritual safeguard

- In surveys of lapsed and ex-Adventists, 83% report no experience of Adventist education
- However, the equivalent figure for all church-members is 56%
- Those who have not gone through Adventist education are disproportionately more likely to become inactive or leave
- 60% of pastors believe that members who have not experienced Adventist higher education are more likely to leave the church
- The Valuegenesis studies documented that Adventist primary and secondary education strongly correlates with being retained by the Seventh-day Adventist Church—but only for North America.
- Data from the recently concluded research is a very strong *prima facie* indication that the model in NAD obtains globally and for tertiary education

### Conclusion

- These examples have hopefully given some sense of how Adventist colleges and universities can exploit existing online digital resources for scholarship and teaching, and of the opportunities that will present themselves as our "denomination goes digital"
- It also shows how research can be of immense value for the Church in general and tertiary institutions in particular

#### Conclusion

- What, then, is the agenda for the twenty-first century?
- Universities and colleges, as much as possible, should invest in research, regarding themselves not simply as teaching or training institutions, but as *intellectual* resource centres for enhancing the mission & ministry of the Church in their area.
- They should proactively reach out to administrators offering their faculty's unique analytical expertise.

### Conclusion

- · Agenda for the twenty-first century (cont.)
- Universities and colleges can contribute to the "big data" picture of their society and the wider Church, and can make resources available online—especially in partnership with projects like the ADL
- Our tertiary faculty and students have unique skill sets and knowledge bases; and educational leaders should be seeking ways to maximise them to aid the mission of the Seventh-day Adventist Church.