



The New Face of Research

**Jim Pringle,
VP Product Development,
Thomson Scientific
May 23 2007**

Coming for the summer of 2007

The **New Face** of Research

- Complete redesign of the *ISI Web of Knowledge*.
 - The most intuitive and easy to use interface.
 - Designed for all types of users.
- Enhanced workflow-based tools for more productive scholarship
 - Designed according to “research pathways”
- Integrates search, authorship, collaboration, and analysis

The New Face of Research

- Why we have created it
- How we designed it
- What it means to the global research community



Serving a diverse, global customer base

ISI Web of Knowledge serves:

- 20 million users from 81 countries worldwide
- Over 3,000 institutions
- 150,000 users every day

ISI Web of Knowledge covers:

- 22,000+ journals, 23 million patents, 12,000 conference proceedings, 5,500 Web sites, 5,000 books, 2 million chemical structures, and scholarly Web content

ISI Web of Knowledge features:

- Over 100 years of backfiles via the *Century of Science*

ISI Web of Knowledge maintains:

- In-depth coverage from over 230 scientific disciplines



Ongoing Research Program for User-Driven Design

- Institutional partners
- Onsite “ethnographic” interviews
- Online discussion forums
- Lab-based iterative usability/development



Administrator



Librarian / Info Pro



Student



Graduate Student



Researcher

The new faces of research

Kacey – Student

Howard – Graduate Student

Samuel – Advanced Researcher

Philippe – Administrator

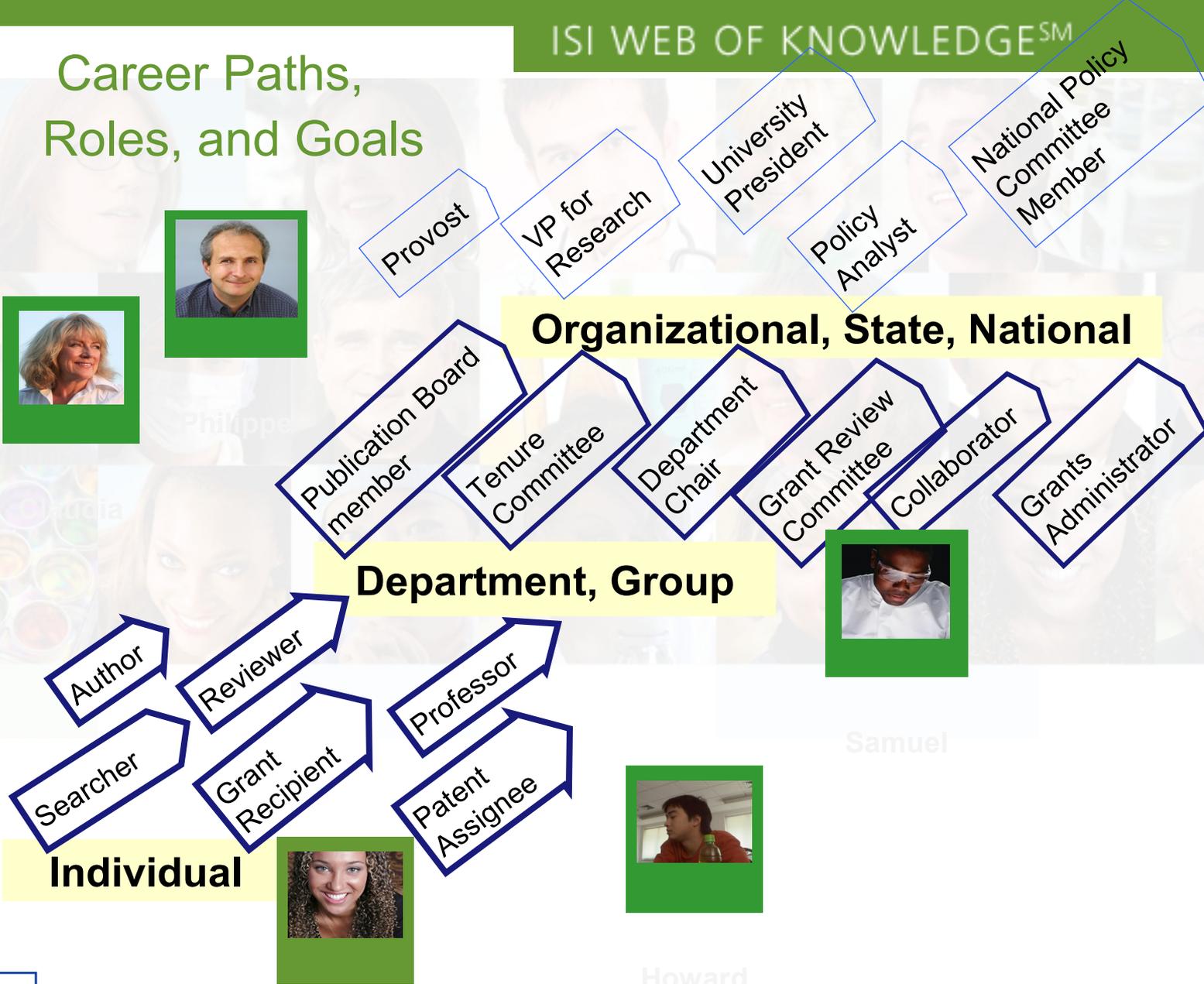
Claudia – Library Director

Career Paths, Roles, and Goals

Executive Level Administration:
Policy formulation,
Trend analysis,
Budget

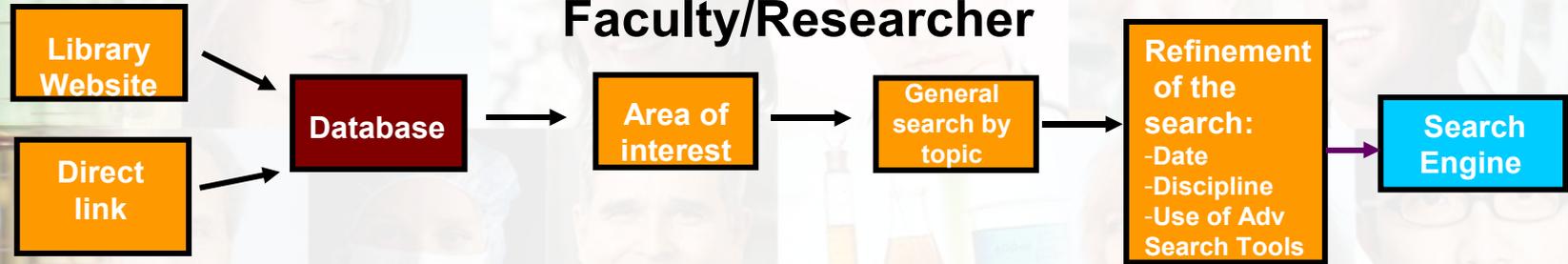
Mid-Level Administration:
Evaluate, review,
negotiate, recruit,
facilitate

Individual Career:
Research,
teach, invent, find
funding, interact with
colleagues, tenure,
promotion

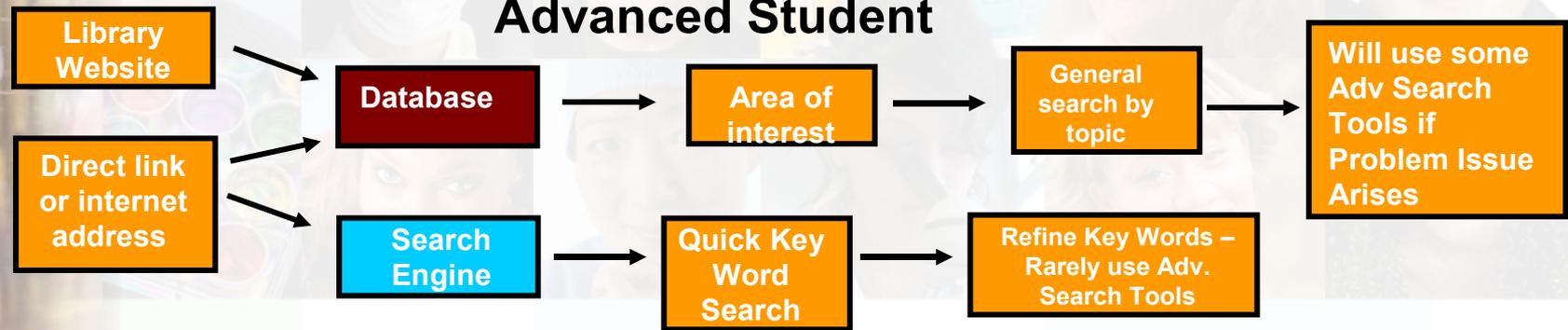


Sample Search Pathways

Faculty/Researcher



Advanced Student



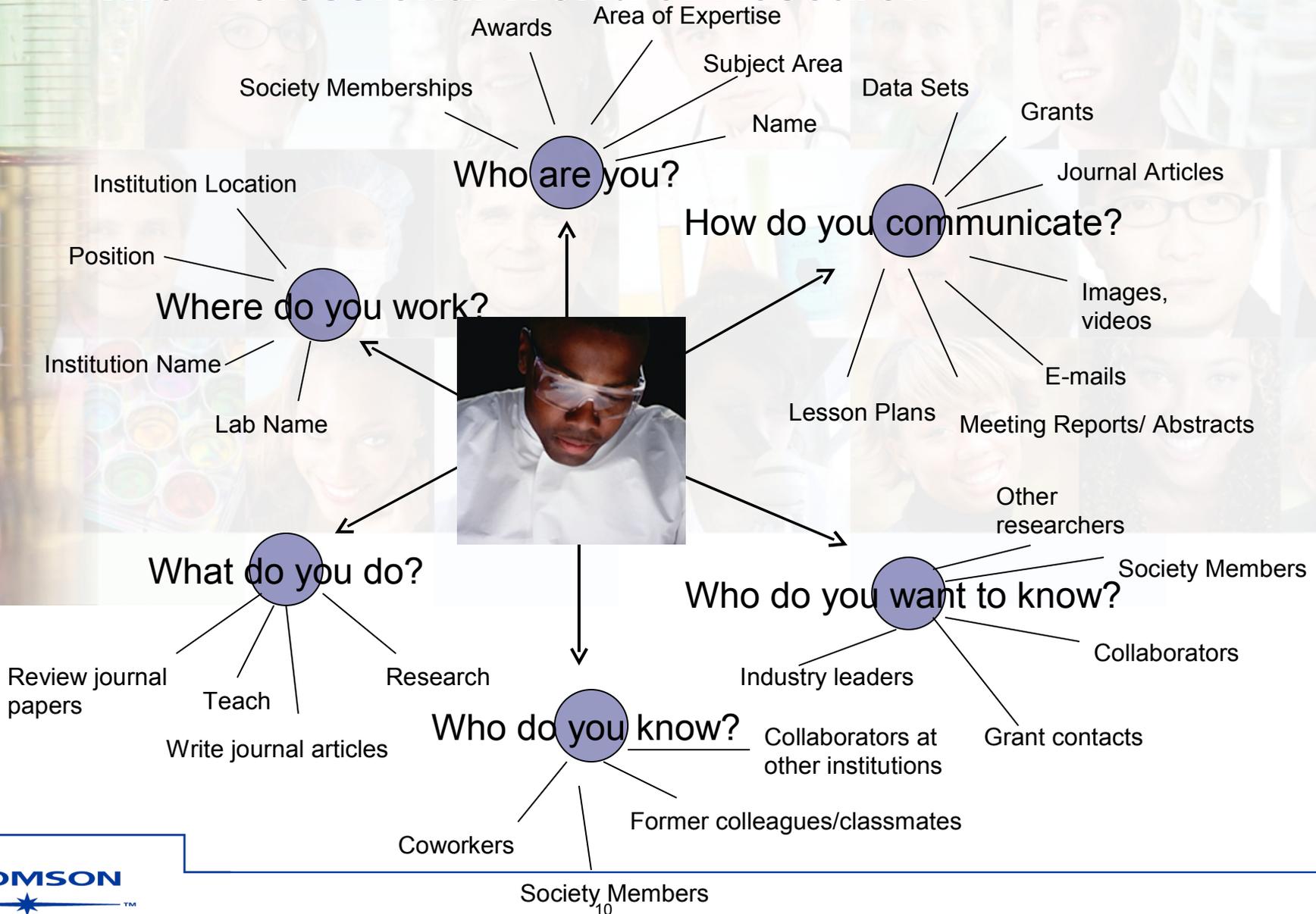
Novice Student



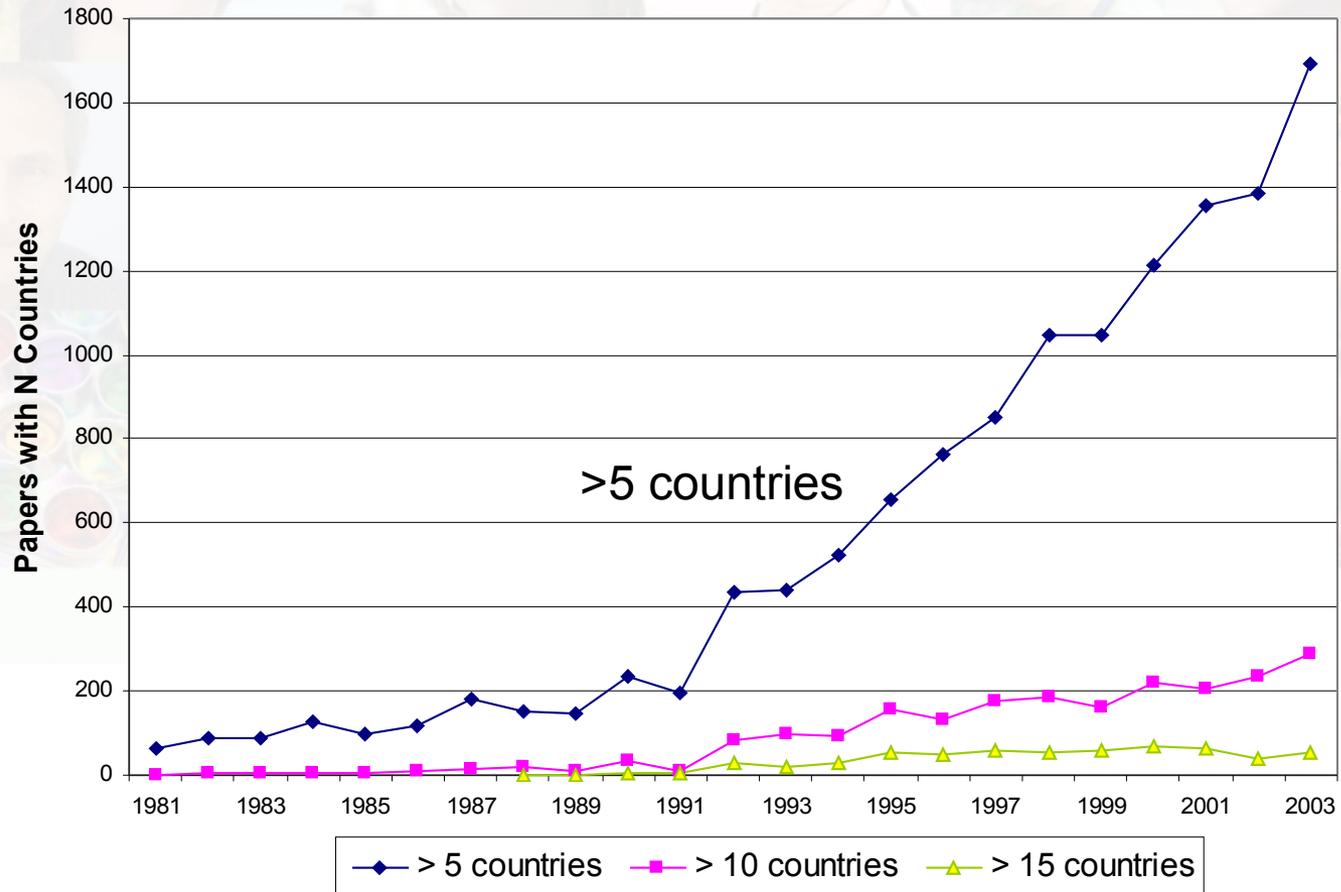
ISI Web of Knowledge Research Pathways Follow Scholarly “Workflows”



The Professional World of Research



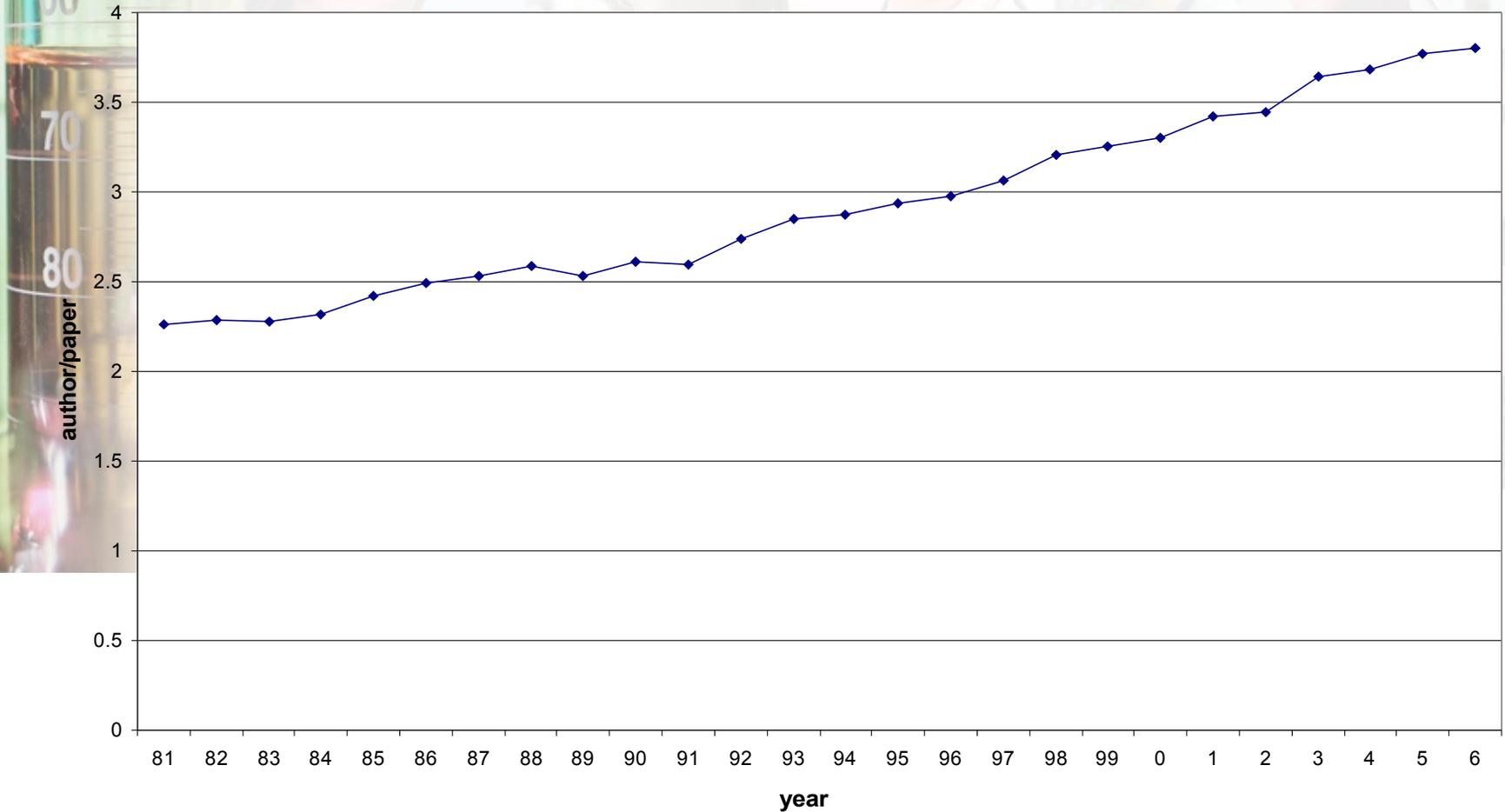
Collaborative Scholarship is Global



Source: Web of Science®

...and Getting Bigger

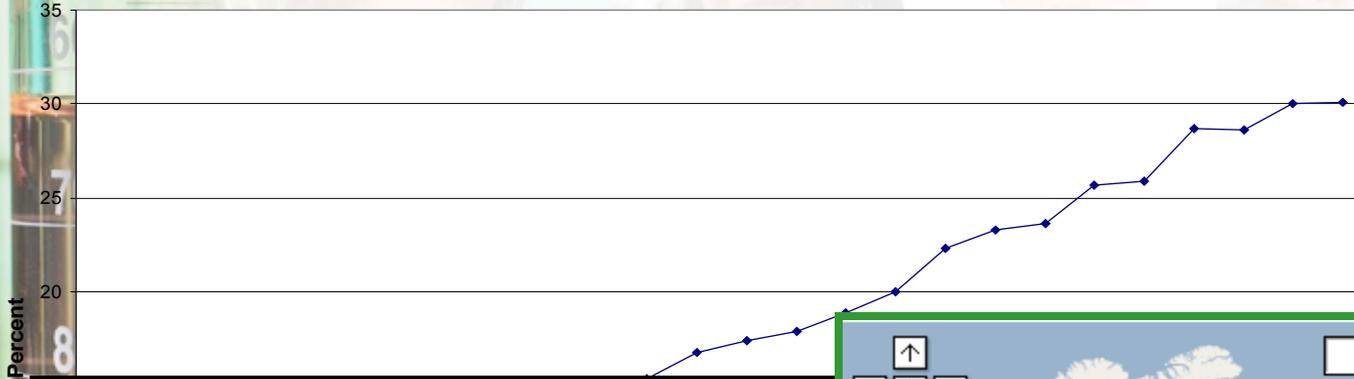
Mean Authors per Paper



Source: Web of Science®

...and Broader

Percent papers with 5 or more authors



Full Record

Record 1 of 6 (Set #1) ▲ SUMMARY

Title: The map-based sequence of the rice genome

Author(s): [Matsumoto T](#), [Wu JZ](#), [Kanamori H](#), [Katayose Y](#), [Fujisawa M](#), [Namiki N](#), [Mizuno Antonio BA](#), [Baba T](#), [Sakata K](#), [Nagamura Y](#), [Aoki H](#), [Arikawa K](#), [Arita K](#), [Bito T](#), [Chiden Y](#), [B](#), [Hamada M](#), [Harada C](#), [Hayashi A](#), [Hijishita S](#), [Honda M](#), [Hosokawa S](#), [Ichikawa Y](#), [Idonu M](#), [Ikano M](#), [Ito K](#), [Ito S](#), [Ito T](#), [Ito Y](#), [Ito Y](#), [Iwabuchi A](#), [Kamiya K](#), [Karasawa W](#), [Kurita K](#), [Kobayashi H](#), [Kobayashi N](#), [Machita K](#), [Maehara T](#), [Masukawa M](#), [Mizubayashi T](#), [Mukai Y](#), [Naito S](#), [Nakashima M](#), [Nakama Y](#), [Nakamichi Y](#), [Nakamura M](#), [Meguro A](#), [Negishi M](#), [Ohta Ono N](#), [Saji S](#), [Sakaguchi M](#), [Sakai K](#), [Shibata M](#), [Shimokawa T](#), [Song JY](#), [Takazaki Y](#), [Ter Tsuji K](#), [Ueda S](#), [Waki K](#), [Yamagata H](#), [Yamamoto M](#), [Yamamoto S](#), [Yamane H](#), [Yoshiki S](#), [Zhong HS](#), [Yano M](#), [Sasaki T](#), [Yuan QP](#), [Shu QT](#), [Liu J](#), [Jones KM](#), [Gansberger K](#), [Moffat K D](#), [Jin SH](#), [Johri S](#), [Kim M](#), [Overton L](#), [Reardon M](#), [Tsitrin T](#), [Vuong H](#), [Weaver B](#), [Ciecko A](#), [G](#), [Van Aken S](#), [Utterback T](#), [Reidmuller S](#), [Feldblyum T](#), [Hsiao J](#), [Zismann V](#), [Iobst S](#), [de Ying K](#), [Li Y](#), [Lu TT](#), [Huang YC](#), [Zhao Q](#), [Feng Q](#), [Zhang L](#), [Zhu JJ](#), [Weng QJ](#), [Mu J](#), [Lu YQ](#), [JP](#), [Zhang YJ](#), [Yu SL](#), [Liu XH](#), [Zhang Y](#), [Hong GF](#), [Han B](#), [Choisne N](#), [Demange N](#), [Orjeda G](#), [Pelletier E](#), [Couloux A](#), [Segurens B](#), [Wincker P](#), [D'Hont A](#), [Scarpelli C](#), [Weissenbach J](#), [Sala Y](#), [Kim HR](#), [Rambo T](#), [Currie J](#), [Collura K](#), [Luo MZ](#), [Yang TJ](#), [Ammiraju JSS](#), [Engler F](#), [Soder LE](#), [de la Bastide M](#), [Spiegel L](#), [Nascimento L](#), [Zutavern T](#), [O'Shaughnessy A](#), [Dike S](#), [Ded V](#), [McCombie WR](#), [Chow TY](#), [Chen HH](#), [Chung MC](#), [Chen CS](#), [Shaw JE](#), [Wu HP](#), [Hsiao KJ](#), [Ch CH](#), [Hour AL](#), [Lee PF](#), [Lin SJ](#), [Lin YC](#), [Liou JY](#), [Liu SM](#), [Hsing YI](#), [Raghuvanshi S](#), [Mohanty A](#), [Gupta V](#), [Kumar D](#), [Ravi V](#), [Vij S](#), [Kapur A](#), [Khurana P](#), [Khurana P](#), [Khurana JB](#), [Tyagi AK](#), [G V](#), [Srivastava S](#), [Dixit A](#), [Pal AK](#), [Ghazi IA](#), [Yadav M](#), [Pandit A](#), [Bhargava A](#), [Sureshbabu K](#), [Mohapatra T](#), [Singh NK](#), [Messing J](#), [Nelson AB](#), [Fuks G](#), [Kavchok S](#), [Keizer G](#), [Llaca ELY](#), [S Young S](#), [Il KH](#), [Hahn JH](#), [Sangsakoo G](#), [Vanavichit A](#), [de Mattos LAT](#), [Zimmer PD](#), [Malone Oliveira AC](#), [Bevan M](#), [Bancroft I](#), [Minx P](#), [Cordum H](#), [Wilson B](#), [Cheng ZK](#), [Jin WW](#), [Jiang J](#), [Gojobori T](#), [Itoh T](#), [Niimura Y](#), [Fujii Y](#), [Habara T](#), [Sakai H](#), [Sato Y](#), [Wilson G](#), [Kumar K](#), [McC D](#), [Wright S](#), [Bruskiewich B](#), [Bureau T](#), [Miyao A](#), [Hirochika H](#), [Nishikawa T](#), [Kadowaki K](#), [Su](#)

Group Author(s): [Int Rice Genome Sequencing Project](#)

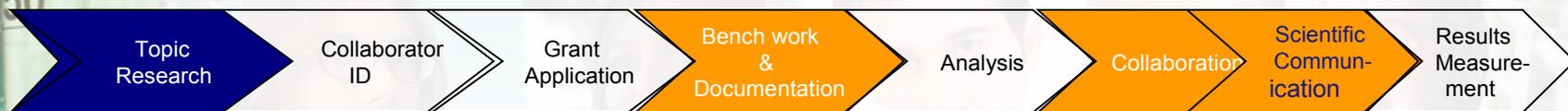
Source: NATURE 436 (7052): 793-800 AUG 11 2005

Document Type: Article

Language: English



Source: Web of Science®



ISI Web of Knowledge™ Web of Science

Search Results -- Summary

TSA(Childhood injury prevention)

477 results found (Set #1)

Records 1 -- 25 [show 25 per page]

Use the checkboxes to select records for output.

Rank	Author	Year	Title
1	Howe LD, Huttly SPA, Abramsky T	2006	Fast factors for injuries in young children
2	Plavins MB, Dostaler DM, Diegoun K, et al	2006	Stages of development and injury risk
3	Ribas RD, Tymchuk AJ, Ribas AFP	2006	Legal authors' knowledge about non-social science in medicine

EndNote Web

Quick Search: [input] All my folders

Welcome, Jason | Log Out

Author	Year	Title
Abramson, J. L.	2006	Analysis of Creative problem and humor...
Au, J. T.	2006	Access to adequate nutrition is a major...
Bell, M. N.	2006	Childhood injury prevention counseling in pr...
Blake, S. C.	2006	Public Health at the Crossroads
Costa, T.	2006	Validity in Survey Research
Drivas, B. G.	2006	Research Methods in Health: Investigating ...
Edwards, R. J.	2006	Injury Prevention
Flanders, W. D.	2006	Childhood home accidents - supporting the ...
Florence, C. S.	2006	Childhood injury prevention counseling in pr...
Gazewood, J. D.	2006	Public Health at the Crossroads

Microsoft Word

EndNote X Find Citations

Find: [input] Title

Example: Enter **BibTeX** document extraction to search for these terms in all fields

Author: [input] Title

Michael Wasson

Institutions: [input]

University of [input]

Corresponding Author: [input]

Short Title: [input]

Key words: **Abducts, Inferior, Slow**

Manuscript Central

EndNote: Fast Pass Manuscript Submission

Upload an EndNote manuscript via this system to cause sections of the submission process to populate automatically.

Manuscript Upload

Fast Pass Processing

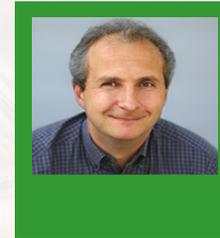
Results

Title	Date Created	Continue Submission	Delete
Childhood injury prevention: the views of health visitors and nursery nurses	20-Oct-2006	[button]	[button]

- **ISI Web of Knowledge** – multidisciplinary information for search and analysis
- **EndNote Web** – new Web-based bibliographic management tool for management and collaboration
- **EndNote** – the desktop bibliographic management standard for academic researchers and authors
- Interaction with **MS Word** – EndNote CWYW and Manuscript Templates with embedded XML
- **Manuscript Central** – automated, Web-based, article peer-review system used by top publishers

ISI Web of Knowledge Research Pathways Evaluation and Management

- Researchers
 - Validation & Prestige
 - Build Careers
- Funders—Decision Support
 - Funding Agency--Outcomes
 - Academic Administration--Evaluation
 - Library—Resource Allocation



Claudia

Web of Science Data: the International Standard for Science Indicators

- **US National Science Foundation**
 - *Science and Engineering Indicators*
 - Has used Web of Science (SCI) data since 1972
- **European Union**
 - *European Report on Science and Technology Indicators*
 - Has used Web of Science (SCI) data since 1994
- **France OST**
 - *Indicateurs de Sciences et de Technologies*
 - Has used Web of Science (SCI) data since 1992



Information Professional



Undergraduate



Researcher



Administrator

