# **Appendix G**

## Acknowledgements

Developing and implementing TIMSS 2003 was an extremely ambitious and truly collaborative effort involving hundreds of individuals around the world. Staff from the national research centers in each participating country, the International Association for the Evaluation for Educational Achievement (IEA), the TIMSS & PIRLS International Study Center (ISC) at Boston College, advisors, and funding agencies worked closely to develop and implement TIMSS 2003. The project would not have been possible without the tireless efforts of all involved. Below, the individuals and organizations are acknowledged for their contributions. Given that implementing TIMSS 2003 has spanned approximately four years and involved so many people and organizations, this list may not pay heed to all who contributed throughout the life of the project. Any omission is inadvertent. TIMSS 2003 also acknowledges the students, teachers, and school principals who contributed their time and effort to the study. This report would not be possible without them.

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## **Management and Operations**

TIMSS 2003 was conducted under the auspices of the IEA. The study was directed by Michael O. Martin and Ina V.S. Mullis, and managed centrally by the staff of the TIMSS & PIRLS International Study Center at Boston College, Lynch School of Education. Although the study was directed by the International Study Center and its staff members implemented various parts of TIMSS 2003, important activities also were carried out in centers around the world. In the IEA Secretariat, Hans Wagemaker, Executive Director, was responsible for overseeing fundraising and country participation. The IEA Secretariat also managed the ambitious translation verification effort conducted for the field test and main assessment and recruited international quality control monitors in each country. The IEA Data Processing Center was responsible for processing and verifying the data from the participating countries and for constructing the international database. Statistics Canada was responsible for collecting and evaluating the sampling documentation from each country and for calculating the sampling weights. Educational Testing Service in Princeton, New Jersey provided consultation on psychometric issues as well as technical support and software for scaling the achievement data. The Project Management Team, comprising the study directors and representatives from the International Study Center, IEA, Statistics Canada, and Educational Testing Service, met regularly throughout the study to discuss the study's progress, procedures, and schedule.

#### **IEA S**ECRETARIAT

Alejandro Tiana, IEA Chair Hans Wagemaker, Executive Director Barbara Malak-Minkiewicz, Manager Membership Relations Juriaan Hartenberg, Financial Manager Isabelle Braun-Gemin, Financial Manager Assistant Katazyna Krohn, Management Assistant

## TIMSS & PIRLS International Study Center at Boston College

Michael O. Martin, Co-Director

Ina V.S. Mullis, Co-Director

Eugenio J. Gonzalez, Director of Operations and Data Analysis

Teresa Smith Neidorf, TIMSS Science Coordinator

Robert Garden, TIMSS Mathematics Coordinator

Steven Chrostowski, TIMSS Project Coordinator

Ann Kennedy, PIRLS Project Coordinator

Joseph Galia, Senior Statistician/Programmer

Isaac Li, Statistician/Programmer

Dana Diaconu, Research Associate

Ebru Erberber, Research Associate

Cheryl Flaherty, Research Associate

Alka Arora, Graduate Assistant

María José Ramírez, Graduate Assistant

Keith Morgan, Publications Design & Production Manager (2003 to present)

José Nieto, Publications Production Manager (until 2003)

Mario Pita, Data Graphics Specialist

Betty Hugh, Data Graphics Specialist

Sue Messner, Graphics Specialist

Christine Hoage, Manager, Finance

Marcie Petras, Manager, Office Administration

Laura Brown, Administrative Coordinator

Rita Holmes, Administrative Coordinator

## IEA DATA PROCESSING CENTER

Dirk Hastedt, Senior Researcher
Pierre Foy, Senior Researcher
Oliver Neuschmidt, Researcher
Juliane Barth, Researcher
Ieva Johansone, Junior Researcher
Milena Taneva, Junior Researcher
Christine Busch, Junior Researcher
Dirk Oehler, Programmer
Stefan Petzchen, Programmer
Harpreet Singh Choudry, Programmer
Olaf Zühlke, Research Assistant
Warnuna Ratnayake, Research Assistant
Jayprakash Kooraram, Research Assistant
Marta Kostek Drosin, Research Assistant

#### STATISTICS CANADA

Marc Joncas, Senior Methodologist

## **EDUCATIONAL TESTING SERVICE**

John Barone, Executive Director, Center for Data Analysis Research Matthias Von Davier, Principal Research Scientist Ed Kulick, Manager, Research Data Analysis

## PROJECT MANAGEMENT TEAM

Michael O. Martin, International Study Center Ina V.S. Mullis, International Study Center Eugenio J. Gonzalez, International Study Center Hans Wagemaker, IEA Secretariat Dirk Hastedt, IEA Data Processing Center Pierre Foy, IEA Data Processing Center Marc Joncas, Statistics Canada Matthias Von Davier, Educational Testing Service

#### TIMSS 2003 SPECIAL CONSULTANTS

## Sampling Referee

Keith Rust, Westat, Inc.

## **Psychometric Design**

Eugene Johnson, American Institutes for Research

#### **IEA Editorial Review**

David Robitaille, University of British Columbia

#### **IEA Technical Executive Group**

## TIMSS 2003 Advisory Committees and Task Forces

The TIMSS & PIRLS International Study Center at Boston College was supported in its work by a number of advisory committees. The International Expert Panel in Mathematics and Science played a crucial role in developing the TIMSS 2003 frameworks and specifications for the assessment. The Mathematics and Science Item Development Task Forces coordinated the work of the national research coordinators in developing and reviewing the mathematics and science achievement items. The Science and Mathematics Item Review Committee reviewed and revised successive drafts of the achievement items and was an integral part of the scale anchoring process. The Questionnaire Item Review Committee revised the TIMSS context questionnaires for the 2003 assessment.

## **International Expert Panel**

## Mathematics

Khattab Abu-Libdeh, Jordan Anica Aleksova, Republic of Macedonia Kiril Bankov, Bulgaria Aarnout Brombacher, South Africa Anna Maria Caputo, Italy Joan Ferrini-Mundy, United States Jim Fey, United States Derek Holton, New Zealand Jeremy Kilpatrick, United States Pekka Kupari, Finland Mary Lindquist, United States David Robitaille, Canada Graham Ruddock, England Hanako Senuma, Japan

#### Science

K.Th. (Kerst) Boersma, the Netherlands
Rodger Bybee, United States
Audrey Champagne, United States
Reinders Duit, Germany
Martin Hollins, England
Eric Jakobsson, United States
Galina Kovalyova, Russian Federation
Svein Lie, Norway
Jan Lokan, Australia
Francisco Mazzitelli, Argentina
Gabriela Noveanu, Romania
Margery Osborne, United Status
Jana Paleckova, Czech Republic
Hong Kim Tan, Singapore
Khadija Zaim-Idrissi, Morocco

## Mathematics Item Development Task Force

Robert Garden, New Zealand (Mathematics Coordinator) Chancey Jones, United States Graham Ruddock, England

## Science Item Development Task Force

Teresa Smith Neidorf, United States (Science Coordinator) Svein Lie, Norway Christine O'Sullivan, United States

## Science and Mathematics Item Review Committee

## **Mathematics**

Anica Aleksova, Republic of Macedonia Kiril Bankov, Bulgaria Aarnout Brombacher, South Africa Francine Jaques, Canada Jeremy Kilpatrick, United States Mary Lindquist, United States Graham Ruddock, England Hanako Senuma, Japan

#### Science

Audrey Champagne, United States Chang Chu-Nan, Chinese Taipei Galina Kovalyova, Russian Federation Svein Lie, Norway Jan Lokan, Australia Francisco Mazzitelli, Argentina Gabriela Noveanu, Romania Ahmed Muhammed Rafea, Bahrain Vivien Talisayon, Philippines Sandy Tan, Singapore

## **Questionnaire Item Review Committee**

Khattab Abu Lebdeh, Jordan Klaas Bos, the Netherlands Megan Chamberlain, New Zealand Chiu Mei-Hung, Chinese Taipei Rich Coley, United States Patrick Gonzales, United States Mike Marshall, Canada

#### National Research Coordinators

The TIMSS 2003 National Research Coordinators and their staff had the enormous task of implementing the TIMSS 2003 design. This involved obtaining funding for the project; participating in the development of the instruments and procedures; conducting field tests; participating in and conducting training sessions; translating the instruments and procedural manuals into the local language; selecting the sample of schools and students; working with the schools to arrange for the testing; arranging for data collection, coding, and data entry; preparing the data files for submission to the IEA Data Processing Center; contributing to the development of the international reports; and preparing national reports. The way in which the national centers operated and the resources that were available varied considerably across the TIMSS 2003 countries. In some countries, the tasks were conducted centrally, while in others, various components were subcontracted to other organizations. In some countries, resources were more than adequate, while in some cases, the national centers were operating with limited resources. All of the TIMSS 2003 National Research Coordinators and their staff members are to be commended for their professionalism and their dedication in conducting all aspects of TIMSS.

#### **ARGENTINA**

Margarita Poggi Ministerio de Educación Dirección Nacional de Información y Evaluación Paraguay 1657, 2er Piso – Of 201 Buenos Aires C1062ACA

## ARMENIA, REPUBLIC OF

Arsen Baghdasaryan Yerevan State University 26 Halabyan Str Apt 31 Yerevan 375036

## **AUSTRALIA**

Sue Thomson Australian Council for Educational Research(ACER) 19 Prospect Hill Rd. Camberwell, Victoria 3124

#### **BAHRAIN**

Ahmed Muhammad Rafea Chief, Assessment and Curriculum Development Division PO Box 43 Ministry Education Manama

## **BELGIUM (Flemish)**

Christiane Brusselmans-Dehairs Vakgroep Onderwijskunde Universiteit Gent Henri Dunantlaan 2 B 9000 Gent

Ann Van Den Broeck LIVO Dekenstraat 2 Leuven B-3000

#### **BOTSWANA**

Cyprian Ismael Cele Examinations Research and Testing Division Ministry of Education Private Bag 0070 Gaborone

## **BULGARIA**

Kiril Bankov Faculty of Mathematics and Informatics University of Sofia 5, bul James Boucher Sofia 1164

#### **CHILE**

Leonor Cariola Huerta Ministerio de Educación Alameda 1146 Piso 8, Sector B Santiago

#### **CHINESE TAIPEI**

Chu-Nan Chang Dean of College of Science National Taiwan Normal University 88 Sec 4, Ting-Chou Road Taipei, 116

## **CYPRUS**

Constantinos Christou Research and Evaluation Department Pedagogical Institue University of Cyprus-Dept. of Education Kallipoleous 75, P.O. Box 20537 Nicosia 1678

#### **EGYPT**

Solaiman El-Khodary El-Sheikh National Center of Examinations and Educational Evaluation Hadaba Olya Al-Mokkatam Cairo

## **ENGLAND**

Graham Ruddock National Foundation for Educational Research (NFER) The Mere, Upton Park Slough, Berkshire SL1 2DQ

#### **ESTONIA**

Kristi Mere Estonian Ministry of Education Munga 18 Tartu EE 50088

#### **GHANA**

Aba Mansa Folson Head of Inspectorate Division Ministry of Education Ghana Education Service Arakan Printing Press Building Kotobabi, Accra

## HONG KONG, SAR

Frederick Leung The University of Hong Kong – Hong Kong IEA Centre Pokfulam Road Hong Kong, SAR

#### **HUNGARY**

Peter Vari National Institute of Public Education Centre for Evaluation Studies Dorottya u.8, PF 701/420 Budapest 1051

#### **INDONESIA**

Jahja Umar Ministry of National Education Examiniation Development Center Jalan Gunung Sahari Raya – 4 Jakarta Pusat, 1000 Jakarta

## IRAN, ISLAMIC REPUBLIC OF

Abbass Rahiminezhad Institute for National Research Hojjat Doost Alley Naderi St. 196 Keshavarz Blvd. Tehran

#### **ISRAEL**

Ruth Zuzovsky
Tel Aviv University
School of Education
Center for Science and Technology Education
Ramat Aviv, Tel Aviv 69978

## **ITALY**

Anna Maria Caputo Istituto Nazionale per la Valutazione del Sistema dell'Istruzione (CEDE) Borromini 5 – Villa Falconieri Frascati (Roma) 00044

#### **JAPAN**

Yuji Saruta
National Institute for Educational Research (NIER)
6-5-22 Shimomeguro
Meguro-ku, Tokyo
153-8681
Hanako Senuma
National Institute for Educational Research (NIER)
6-5-22 Shimomeguro
Meguro-ku, Tokyo
153-8681

#### **JORDAN**

Tayseer Al-Nhar National Center for Human Resources Development P. O. Box 560 Amman 11941

## KOREA, REPUBLIC OF

Chung Park
Korea Institute of Curriculum & Evaluation(KICE)
25-1 Samchung-dong
GhongRo-Gu, Seoul
110-230

## **LATVIA**

Andrejs Geske University of Latvia IEA National Research Center Jurmalas Gatve 74/76, Rm 204A Riga LV-1083

#### **LEBANON**

Leila Maliha Fayad Ministry of Education The Educational Center for Research and Development Dekwanen, Beirut

## **LITHUANIA**

Algirdas Zabulionis Ministry of Education and Science National Examination Center M. Katkaus 44 Vilnius LT2051

## MACEDONIA, REPUBLIC OF

Anica Aleksova Ministry of Education and Science Bureau for Development of Education Ruder Boskovic St bb 1000 Skopje

#### **MALAYSIA**

Azmi Zakaria Ministry of Education Educational Planning and Research Division Level 2, Block J South Pusat Bandar Damansara, Kuala Lumpur 50604

## MOLDOVA, REPUBLIC OF

Ilie Nasu Ministry of Education and Science University A Russo Str. Puschin 38 Balti 3100

#### **MOROCCO**

Mohamed Sassi Direction de l'Évaluation du Système Educatif Ministère de l'Éducation Nationale Innovations Pédagogiques 32 Boulevard Ibn Toumert Place Bob Rouah, Rabat

#### THE NETHERLANDS

Martina Meelissen University of Twente Centre for Applied Research in Education(OCTO) PO Box 217 7500 AE Enschede

#### **NEW ZEALAND**

Megan Chamberlain Ministry of Education CER Unit-Research Division 45-47 Pipitea Street Thorndon, Wellington

Fiona Sturrock Ministry of Education CER Unit-Research Division 45-47 Pipitea Street Thorndon, Wellington

#### **NORWAY**

Liv Sissel Grønmo University of Oslo ILS Postboks 1099 Blindern 0316 Oslo 3

#### PALESTINIAN NATIONAL AUTHORITY

Ola Khalili Ministry of Education Assessment Center Box 719 Ramallah – West Bank

## **PHILIPPINES**

Vivien Talisayon University of the Philippines TIMSS 2003 Coordination Office Vidal Tan Hall Diliman, Quezon City

#### **ROMANIA**

Gabriela Noveanu Institute for Educational Sciences Evaluation and Forecasting Division Revoltiei B1. C7/7 Bucharest Ro-70732

## **RUSSIAN FEDERATION**

Galina Kovalyova Center for Evaluating the Quality of Education Institute of General Secondary Education Russian Academy of Education Ul. Pogodinskaya, 8 - Moscow 119905

## **SAUDI ARABIA**

Ali Alhakami Ministry of Education Center for Educational Development PO Box 102298 Riyadh, 11675

#### **SCOTLAND**

Jo MacDonald Scottish Executive Education Dept Research Economic and Corporate Strategy Unit 1B (South) Victoria Quay Edinburgh EH6 6QQ

#### **SERBIA**

Slobodanka Milanovic-Nahod Institute for Educational Research Dobrinjska 11/lll PF 546 11001 Belgrade

#### **SINGAPORE**

Kok Leong Boey Research and Evaluation Section #15-31 MOE Building 1 North Buona Vista Drive 138675 Singapore

## **SLOVAK REPUBLIC**

Jozef Kuraj National Institute for Education P O Box 26, Pluhova 8 Brastislava SK – 830 00

## **SLOVENIA**

Barbara Japelj Educational Research Institute Gerbiceva 62 PO Box 76 Ljubljana 1000

#### **SOUTH AFRICA**

Vijay Reddy Human Sciences Research Council (HSRC) 134 Pretorius Street Private Bag X07 Pretoria 0001

## **SWEDEN**

Jan-Olof Lindstrom
Department of Educational
Measurement/ TIMSS
Umeå University
Enheten for pedagogiska matningar
Samhallsvetarhuset, 90187 Umeå

#### **SYRIA**

Aychoua Ishak Ministry of Education Damascus

## **TUNISIA**

Mejib Ayed CNIPRE 130 Boulevard du 9 Avril 1938 Tunis 1006

## **USA**

Patrick Gonzales National Center for Education Statistics US Department of Education 1990 K St., NW Rm 9071 Washington, DC 20006

## YEMEN, REPUBLIC OF

Omar Ba-Fadhel Center for Educational Research and Development Ministry of Education General Market (Nokom), Sana'a 23049

## **Benchmarking Participants**

## **Basque Country, SPAIN**

Josu Sierra ISEI-IVEI Asturias 9 Bilbao, Basque Country 48015

## State of Indiana, USA

Carole Gallagher
Division of Assessment
Indiana Department of Education
Room 229, State House
Indianapolis, IN 46204

## Ontario Province, CANADA

Francine Jaques
Education Quality and Accountability Office
2 Carlton Street
Suite 1200
Toronto, Ontario M5B 2M9

## Québec Province, CANADA

Serge Baillargeon MEQ Direction de la Sanction des Études 1035 rue de la Chevrotière 13e Étage Québec, PQ G1R 5 A5