

Host	Michael Emerson
Directors	Muffie Meyer Stephen Lyons
Writer & Producer	Stephen Lyons
Editor	Raoul Rosenberg
Director of Photography	Gary Henoch
Production Designer	Katha Seidman
Line Producer	Michael Boves
Assoc. Director	Richard Brick
Costume Designer	Andrew Poleszak Candice Donnelly
Hair & Makeup Designer	Joe Rossi Denise O'Brien
Historic instruments/scientific consulting	Antiques of Science and Technology
Laboratory Re-enactment Support	Kathleen Morris Bruce Muscus
Historical Consultants	Alan Roche Eric Scerri
Special Consultant	Ronald H. Blumer
Production Supervisor	Vladimir Minuty
Associate Producer	Geoffrey Booth Jaelyn Lee Greta Methot Jessie Ward
CAST	
Sleigh Driver	John Allegra
Humphry Davy	Matthew Amendt
Dmitri Mendeleev	Michael Aronov
Burris Cunningham	Vasilios Asimakos
Alchemist	Don Bagley
Antoine Lavoisier	Hugo Becker
Mendeleev's housekeeper	Jane Becker
João Jacinto de Magellan	Marshall Berenson
André-Louis Debierne	Justin Blanchard
Robert Southey	Erik Bloomquist
Armand Seguin	Ethan Corbin
Ernest Rutherford	John Curless
Marie Anne Lavoisier	Ava Deluca-Verley
Charles G. Darwin	Lucas Dixon
Amabel Moseley	Beverly Hayes
Samuel Taylor Coleridge	James Hayward
Joe Kennedy	Joseph Garland
Glenn Seaborg	Nick Gehlfuss
Joseph Cottle	Simon Green
Jean Charles Trudaine de Montigny	Ronald Guttman
Ed McMillan	Ian Lyons
Arthur Wahl	Paul Davis Lyons
Harry Moseley	Anthony Marble
Phil Abelson	John Michael Marrs
Robert Kinglake	Mark Mauriello
Robert Millikan	Mark Nelson
Joseph Priestley	Patrick Page
Aleksandr Inostrantsev	Gene Ravvin
Eugène-Anatole Demarçay	Martin Rayner
Lavoisier's waiter	Davis Robinson
Pierre Curie	Sebastian Roche
Marie Curie	Juliet Rylance
Lavoisier's lab assistant	David Santori
Priestley's son	Ethan Scholes
Edmund Davy	Andrew Justin Smith
Pierre Joseph Macquer	Guy Strauss
Luis Alvarez	Peter Stray
Antoine Fourcroy	Yan Tual
Eve Curie	Catherine Walleck
Claude Berthollet	Daniel Whelton
Emilio Segrè	Dennis Wise
John Davy	Luke David Young
Camera	Tom Fahey Mike Coles Boyd Estus Rick Siegel Jim Ball Jon Else Eddie Marritz Peter Trilling Damon LeMay
Sound Mixer	Tom Williams Steve Bares Michael Jones
Sound	Clint Bramesco Keith Rodgerson Mark Mandler Lauretta Molitor Mike O'Brien John O'Connor Aaron Webster
Gaffer	Ken Perham Jack McPhee John Roche
Lighting Consultant	Ned Hallick
Best Electric	Ken Perham Chris Nickerson
Key Grip	Tom Doran Tim Driscoll Bill Flanagan Mike Vazquez
Best Grip	Daryl Richardson Mamchi Bibel Edwin Rubio
Swing	Chris Nickerson Bill Flanagan Mike DeCristofaro Julio Yurnet
Construction Coordinator	Kent Lanigan
Propmaster	Janine Moore Chris Plummer
Scenic Charge	Kristin Cunniff
Set Decorator	Robert Schleinig Shann Whynot-Young
Set Dresser	Trevor MacDermid Sean O'Laughlin Cameron Keiber
Special Effects	Kenneth Ferro, Jr.
Construction	Jason Allard Garth Donovan Marc McLeod Peter Rippe Kurt Smith Shann Whynot-Young
Scenic	Lori Hruska Elizabeth Johnson Pecan Johnson Kerri McGill
Art Department Production Assistant	Nick Duncan Kenneth Ferro, Jr. Marc Giacomo Jamie Joseph Michael Lewis Nicholas Smith Jerrett Staaf
Key Costumer	Dana Pacheco Mike Floyd
Costumer	Susanna Brown Penelope Cariolo Caroline Errington Bettina Hastie April McCoy Gina Rhodes Cassidy Spiess
Costume Production Assistant	Cassidy Spiess
Key Hair	Vikki Porter
Key Makeup	Trish Seency Sherrri Laurence
Additional Hair & Makeup	Kristen Barry Rebecca Frye
Production Photographer	Jeffrey Dunn Evgenia Arbugaeva
1 <sup>st</sup> Assistant Camera	Damon LeMay Alvah Holmes Christian Hollyer
Boom Operator	Kelly Doran Joel Reidy
Teleprompter	Chris Donovan VIP Prompting
Camera Assistant	Shane Annas Jon Betz Omar Guinier Clare Major
Craft Services	Mike DeCisero Michael Fitzgerald Ethan Fox Tracy Fox
Production Coordinator	Tom Booth Laura Harris
Location Scout	William J. Toubman
Production Associate	Jaelyn Lee
Key Set Production Assistant	Greta Methot Eric Altieri
Set Production Assistant	Eric Altieri
Production Assistant	Hector Alvarez Jr. Matthew Dorris Colin Elliott Phillip Enright Bill Grady Josh Halpern Mimi Jeffries Andrew Kahn Talia Krohmal Matt Levy Brad Pearson Benjamin Rubin Tony Ventura
Office Manager	Megan Blackburn
Title Theme Score	Tom Phillips
Music	APM Music OBT Music
Casting	Paul Fouquet, C.S.A./Elissa Myers, C.S.A. C.P. Casting, Boston
Research	Stéphanie Cuenoud
Dialect Coach	Jeff Morrison
Artist	Juliet Phillips
Calligrapher	Ted Clausen
Animations	Pixel dust Studios Handcranked Productions Raoul Rosenberg James Harvey
Archival image research	Wilson Chao Pat Lofthouse Bonnie Rowan
Photo Animations	Anna Saraceno Raoul Rosenberg
Additional Editing	Jessie Beers-Altman Anna Saraceno
Assistant Editor	Elliott Choi Chris Malenfant
Online Editor/Colorist	David Bigelow
Sound Mix	Jim Sullivan
Post Production Facility	the OutPost at WGBH
Archival Stills	American Institute of Physics, Emilio Segrè Visual Archives Berkeley Lab - Roy Kaltschmid, photographer Bibliothèque nationale de France Richard Breakpear Regents of the University of California, Lawrence Berkeley National Laboratory Cambridge University Dimitris Christopoulos Association Curie et Joliot-Curie Daily Herald Archive/National Media Museum/Science & Society Picture Library Chris Fleisch Theodore Gray GSI Helmholtz Centre for Heavy Ion Research John Heilbron Bernard Hoffman Hulton Archive/Getty Images Library of Congress The University of Manchester Collection of the University of Michigan Health System, Gift of Pfizer Inc. Alain Michot MIT Museum Yuri Oganessian Royal Swedish Academy of Sciences Roger-Widlet Agency International Solvay Institutes, Brussels Trinity College, Oxford University Warner Brothers Entertainment Wikimedia Commons Wikipedia
Archival Film	Sveriges Television AB U.S. Department of Energy U.S. National Archives & Records Administration Warner Brothers Entertainment
Archival Video	Videoblocks
Advisory Committee	Robert Anderson Jerry A. Bell Bernadette Bensaude-Vincent Marco Baretta Ned Heindel Dudley Herschbach Roald Hoffmann Nancy Hopkins-Evans Julie Johnson Mary Kirchhoff Gwendolyn Marbury Christoph Meinel Mary Jo Nye Gregory Petsko Lawrence Principe Dagmar Ringe
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Formative Evaluation	Multimedia Research
Summative Evaluation	Knight Williams Inc.
Teacher's Edition & Guide	Education Development Center
Fiscal Sponsor	Filmmakers Collaborative
Legal Services	Robert Rosenblatt
Production Accountant	Zack & Company, P.C. Nora Stonehill
Outreach Partners	American Chemical Society California Science Center Catawba Science Center Center of Science and Industry Discovery Museums Explora Exploration Place New York Hall of Science Oregon Museum of Science and Industry Rochester Museum of Science and Industry Saint-Louis Science Center
	This series was filmed mostly in Massachusetts. Produced with the participation of the Massachusetts Film Office.
Outreach Director	Judy Kass
Technical Supervisor	Wilson Chao
Senior Production Executive	Aida Moreno
Executive Producer/Project Director	Stephen Lyons
For Oregon Public/Broadcasting	
Business Affairs	Susan Smith
Legal Services	Rebecca Morris Kathleen Susco
Post Production	Steve Hoyt
Production Management	Cheri Arbini Susan Boyd
Executives in Charge of Production	Steven M. Bass David Davis

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