



*Donald H. Enlow, PhD*

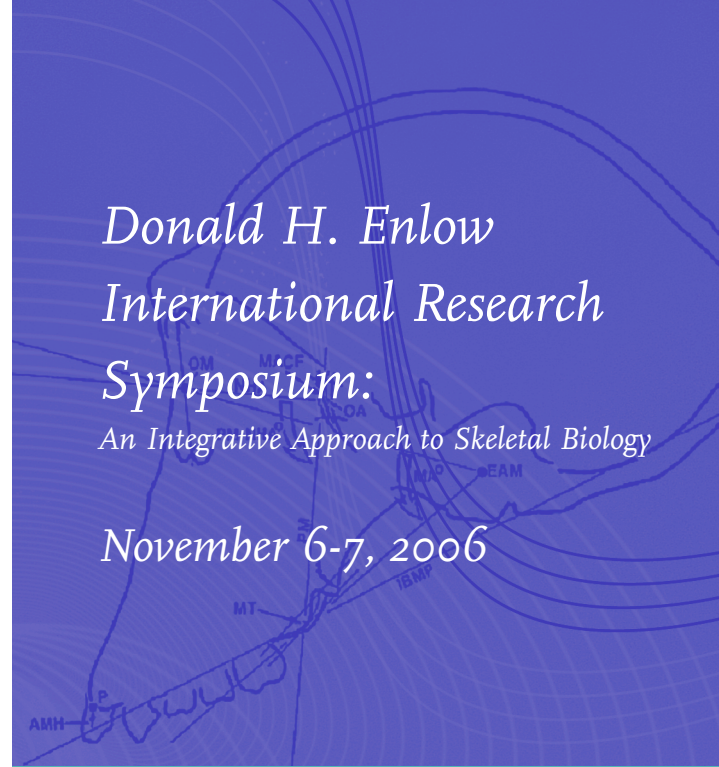
Donald H. Enlow's extensive background, teaching experience and involvement in research, coupled with his burgeoning interest in paleontology and bone biology, led to the development of one of the most notable comparative histological slide collections in the world. His research in the area of hard tissue biology and bone remodeling helped to establish the principles by which bone is maintained and adapts to its mechanical circumstances. His expertise in craniofacial development, particularly in relation to orthodontics, is also widely recognized as the foundation for understanding the role that bone growth and remodeling mechanisms play in the development of the childhood face. The architectural principles that define the face, as described by Enlow, have also provided an insight into comparative primate craniofacial morphology and variation. Enlow continues to receive many accolades for his great contribution to scientific research.



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# Donald H. Enlow International Research Symposium:

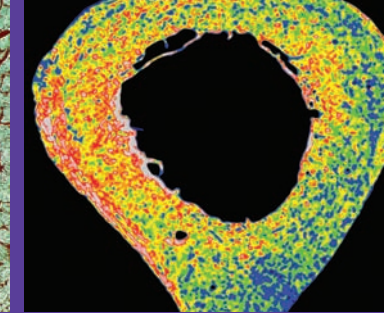
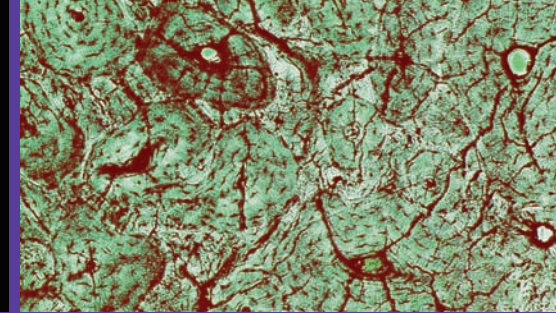
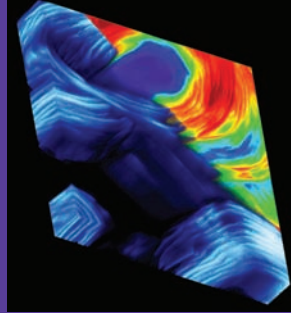
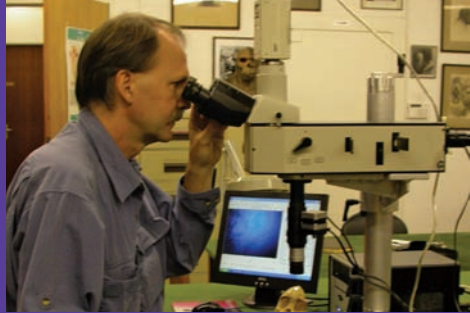
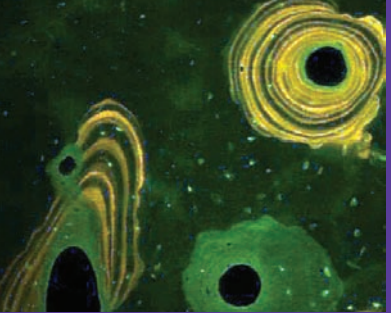
*An Integrative Approach to Skeletal Biology*

*November 6-7, 2006*



COLLEGE OF DENTISTRY





# Donald H. Enlow International Research Symposium

November 6-7, 2006

## OVERVIEW

The *Donald H. Enlow International Research Symposium: An Integrative Approach to Skeletal Biology* honors the life and career of Donald H. Enlow, PhD. This two-day conference heralds Enlow's integrative approach to human skeletal development and morphology that has come to define the state-of-the-art relationship between health and basic sciences. Research topics based upon Enlow's scientific contributions will be presented and his lifetime collection of bone histological slides will be made publicly accessible to facilitate new pathways for acquiring knowledge about the development, evolution, function, disease and environmental context of the skeleton.

## ENLOW'S SCIENTIFIC CONTRIBUTION

Dr. Donald H. Enlow's study of skeletal biology has left a legacy that has culminated in a histological slide collection of over 25,000 slides, which is currently being curated by New York University's College of Dentistry (NYUCD). The collection is a result of extensive studies that date from 1955 to 1990 from human, macaque, cat, rabbit and rat craniofacial and postcranial specimens that represent various projects ranging from the ontogeny of auditory ossicle histology to the cleft lip. The importance of this collection is evidenced by the significant impact it has had on the theoretical and practical aspects of skeletal biology within numerous fields of science, including paleontology, hard tissue biology, orthodontics and anthropology.

## TOPIC

## PRESENTERS

<b>Paleontology</b>	<b>Jack Horner</b> (Bozeman, MT) <b>Kevin Padian</b> (Berkeley, CA) <b>Armand De Ricqles</b> (Paris, France) <b>Mary Highy Schweitzer</b> (Raleigh, NC)
<b>Hard Tissue Biology</b>	<b>Alan Boyde</b> (London, England) <b>Timothy G. Bromage</b> (New York, NY) <b>Virginia L. Ferguson</b> (London, England) <b>Haviva Goldman</b> (Philadelphia, PA) <b>Susan Herring</b> (Seattle, WA) <b>Mitchell Schaffler</b> (New York, NY)
<b>Orthodontics</b>	<b>Lucia Cevidanes</b> (Chapel Hill, NC) <b>Thomas M. Graber</b> (Chicago, IL) <b>Takayuki Kuroda</b> (Yokohama, Japan) <b>James A. McNamara, Jr.</b> (Ann Arbor, MI) <b>Olivier Nicolay</b> (New York, NY)
<b>Anthropology</b>	<b>Daniel Lieberman</b> (Cambridge, MA) <b>Robert McCarthy</b> (Boca Raton, FL) <b>Shannon McFarlin</b> (Kent, OH) <b>James McMahan</b> (New York, NY) <b>Nancy Minugh-Purvis</b> (Philadelphia, PA) <b>Paul O'Higgins</b> (York, England) <b>Johanna Warshaw</b> (New York, NY)

## TARGET AUDIENCE

The symposium is intended for individuals who are interested in the fields of scientific research that have been influenced by Dr. Enlow's studies, which include paleontology, hard tissue biology, orthodontics and anthropology.

## SPECIAL FEATURES

- Various research topics in scientific fields related to Dr. Enlow's studies will be presented.
- Access will be made available to Dr. Enlow's histological collection.
- The symposium will include complimentary continental breakfast, lunch buffet and beverage service daily.

## LOCATION

New York University College of Dentistry  
 Saklad Auditorium  
 345 East 24th Street  
 New York, NY 10010

## REGISTRATION

To register or for more information, please e-mail [tim.bromage@nyu.edu](mailto:tim.bromage@nyu.edu), call 212.998.9703 or go to [www.nyu.edu/gsas/program/biomaterials/events.htm](http://www.nyu.edu/gsas/program/biomaterials/events.htm)

Cover image: emu bone

Above images (left to right): human bone remodeling; Dr. Tim Bromage, researcher; human bone lamellae; canine mandible; and human bone

Presenters are subject to change

Participation is free of charge. Donations in support of the digitization and online availability of Dr. Enlow's histological slide collection will be appreciated.