About the speaker...

- Gastroenterologist in Jacksonville, FL
- Past President, Duval County Medical Society
- Past Chair, Jacksonville Environmental Protection Board
- Past Member, Florida Energy Commission
- Past Chair, Environment & Health Section, Florida Medical Association
- Exec. Director, My Green Doctor Foundation
- Treasurer, Physicians for Social Responsibility

~ I have no financial disclosures ~
My Green Doctor Foundation

- Charitable, non-profit 501(c)3
- Provide climate change teaching for patients of historically disadvantaged communities
- Access to thousands of waiting rooms
- Brochures, posters, handouts, PowerPoints, & more
- www.MyGreenDoctor.org & .es (Spanish)
- A Consortium Affiliate Organization
Physicians for Social Responsibility

• Charitable, non-profit since 1961
• Shared Nobel Peace Prizes in 1985 & 2017
• Health professionals in 20 state chapters
• Address the existential threats to mankind:
  ➢ Nuclear war
  ➢ Climate change
• www.psr.org
Greening Your Medical Practice

- Why healthcare practices are important
- Resources for practices
- Solutions for hospitals
- The My Green Doctor service
- Getting started, today!
Middle Miocene
Florida, 18 million years ago: CO2 >415ppm
Hurricane Irma, Jacksonville, FL  Sept. 2017
Greening Your Medical Practice

“Climate Change will be the World’s #1 health and public health challenge by 2050, if not sooner.”
“Environmental health determines 40% of the health outcomes for populations, compared to just a 10% impact for the traditional work of physicians.”

Ardis Dee Hoven, M.D.
President, American Medical Association
May 6, 2013
Climate Impacts of Healthcare Offices

• Millions of medical offices worldwide
• Offices can *cause* illness
  ✓ “inside air is dirtier than outside air”
  ✓ chemicals, particulates, fungi
• We use significant resources:
  ✓ electricity, water, paper, chemicals, foods
• Offices are often high-cost & inefficient
• 28% of healthcare’s greenhouse gases
• Valuable sites for education & change
Healthcare is the second most energy intensive use in the commercial sector, with an average of approximately 250 kBtu/sf/yr.

Healthcare’s Greenhouse Gas Intensity

Healthcare is responsible for:

- 10% of U.S. greenhouse gases
- 10% of smog-forming air pollution
- 1-2% of carcinogenic & non-carcinogenic air toxics

Only one third of this is caused by hospitals.

Outpatient care has nearly the same greenhouse gas and pollution impact as hospitals.

Eckelman MJ, Sherman J, PLoS ONE DOI:10.137 1-14
U.S. Healthcare's Greenhouse Gases, by service type

- Hospital Care: 36%
- Outpatient Care: 26%
- Prescription: 10%
- Retirement & Nursing Home Care: 6%
- Other Services: 11%
- Construction/Manufacturing: 11%
Healthcare Professionals are Role Models

America's Most And Least Trusted Professions

% of U.S. adults saying the following have high/very high honesty and ethical standards*

- Nurses: 82%
- Military officers: 71%
- Grade school teachers: 66%
- Medical doctors: 65%
- Pharmacists: 62%
- Police officers: 56%
- Judges: 43%
- Clergy: 42%
- Bankers: 25%
- Newspaper reporters: 25%
- Local officeholders: 24%
- TV reporters: 23%
- Lawyers: 18%
- Business executives: 16%
- Lobbyists: 8%

Gallup survey
December 2017
Healthcare Practices are Important

Because...

• climate change and environmental health are important for the health of our patients.
• practices themselves have a significant effect upon the environment & the climate.
• as role models and teachers in their communities, health professional can be important community change agents
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Resources for Practices

• www.mygreendoctor.org
• www.psr.org/resources
• www.acponline.org/advocacy/advocacy-in-action/climate-change-toolkit
• https://www.greenimpact.org.uk/giforhealth
• www.medsocietiesforclimatehealth.org
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Healthcare Without Harm

• The pioneering world leader in environmental sustainability for hospitals & health systems
• “Greening” operating rooms
• Sustainable & healthy foods in hospitals
• “Green” procurement
• Guidance on medical waste, chemicals, & toxins
• Strong advocacy for climate action
• Environmental health and justice

https://noharm.org/
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© PSR Physicians for Social Responsibility
My Green Doctor

• Online environmental sustainability practice management
• Used by thousands of health professionals, 43 States, 80 countries
• Twelve organizations provide My Green Doctor to their members as a free membership benefit
• For any type of outpatient healthcare office or facility
• Easy to use, fully scripted, free
• Comprehensive, science based, non-political
• Most offices save money in the first month
Partners & Participant Organizations

- WMA: The World Medical Association
- The Medical Society Consortium on Climate & Health
- FMA: Florida Medical Association
- AAFP
- AAD: The American Academy of Dermatology
- CAFP
- IFMSA: International Federation of Medical Students' Associations
- PSR: Physicians for Social Responsibility
- PSR Florida
- Climate Psychiatry Alliance
- Medical Students for a Sustainable Future
- Capital Medical Society
- Florida Academy of Family Physicians
- Strong Medicine for Florida
My Green Doctor saves you money by showing your office how to adopt wise environmental practices.

This free practice management tool is designed by doctors and it really works--we have the experience and the know-how!

We help you teach your patients, staff and families, bringing environmental change to your community.

Would you like your office to be less wasteful?

Register now with My Green Doctor!

Register now and receive a My Green Doctor Registrant Certificate to display in your office and show your patients that you are on your way to earning a Green Doctor Office Program Recognition. Registration and participation is FREE and CONFIDENTIAL.
Green Doctor Office
Pledge

This office has pledged to improve the environmental sustainability of its practices and is committed to informing its patients and the community on topics such as energy efficiency, water conservation, recycling, solid waste management, chemicals in the workplace, transportation choices, renewable energy, climate change, & healthy foods.

Green Doctor Office
Promesa

Esta oficina se ha comprometido a mejorar la sostenibilidad ambiental de sus prácticas y se compromete a informar a sus pacientes y la comunidad sobre temas como eficiencia energética, conservación del agua, reciclaje, gestión de residuos sólidos, productos químicos en el lugar de trabajo, opciones de transporte, energía renovable, cambio climático y alimentos saludables..
How to Use My Green Doctor

1. Managers commit to environmental sustainability as a goal.
   - Display the My Green Doctor Pledge Certificate
3. Plan to add five minutes of Green Team business to each regular practice management meeting
   - Use the “Meeting-by-Meeting Guide”
   - Each meeting is scripted: nothing to study or prepare
   - Most offices save money in the first month
4. Qualify for the Green Doctor Office Certificate.
The “Meeting-by-Meeting Guide”

• Adds five minutes to each regular practice planning meeting
• Explains exactly what to say & do at each meeting
• Nothing for the office manager to study or prepare
• Focuses on slow, steady improvements
• Patient & staff education emphasized
• Encourages discussion & staff involvement
• Provides “Green Team Notes” for easy record keeping
Features of My Green Doctor
Patient & Professional Education

• Dozens of waiting room brochures, English & Spanish
• Climate change brochures
• Waiting room posters
• “Tip-of-the-Month” program
• Blog essays on many topics
• Environmental sustainability policy for management
• Quality improvement curriculum for students
• Free education courses for professionals
Success Story: Escambia County Health Dept.

- Five offices in Pensacola, Florida
- Saving energy every month
- 5.2% electricity saving in 1\textsuperscript{st} year
- Saving 125,000 kilowatt hours electricity per year
- 85,600 metric tons CO\textsubscript{2} less per year
- Equivalent of 9,500 gallons gasoline
- \textbf{Bottom Line:} $14,000 saved annually
Success Story: Westwood Clinic, Denver, CO

- Family medicine practice, >30 employees
- Green Team meetings 10/2019 – 2021
- Energy management steps
- Recycling, including also batteries
- Abandoned disposable products
- Multiple education projects
- “Tip of the Week” program for staff
Getting Started, Today!

• Ask your professional society to offer My Green Doctor as a free money-saving & climate-saving membership benefit

  Hint: email me today to learn how: tsack8@gmail.com

• Register today at www.MyGreenDoctor.org or MyGreenDoctor.es

• Make environmental sustainability and climate change preparedness a core value of your healthcare practice.

• Plan to add five minutes of My Green Doctor to each practice planning meeting.

• Pledge to earn the Green Doctor Office Recognition certificate.
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PSR® Physicians for Social Responsibility
“Greening Your Medical Practice: A Practical Guide

“Thank you!”

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St. Johns County, Florida

Environmental protection is more important than economic growth: 66%
(-4 from national avg.)
est. 111,814 of 170,202 adults

Duval County, Florida

Environmental protection is more important than economic growth: 69%
(-1 from national avg.)
est. 482,103 of 694,873 adults

https://climatecommunication.yale.edu/visualizations-data/ycom-us/ 9/2019