The Science Behind the Health Benefits of Nature

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A Doctor's View: The Restorative Power of Nature during COVID-19



Michael Suk, MD, JD, MPH, MBA, FACS Apr 9, 2020 · 5 min read

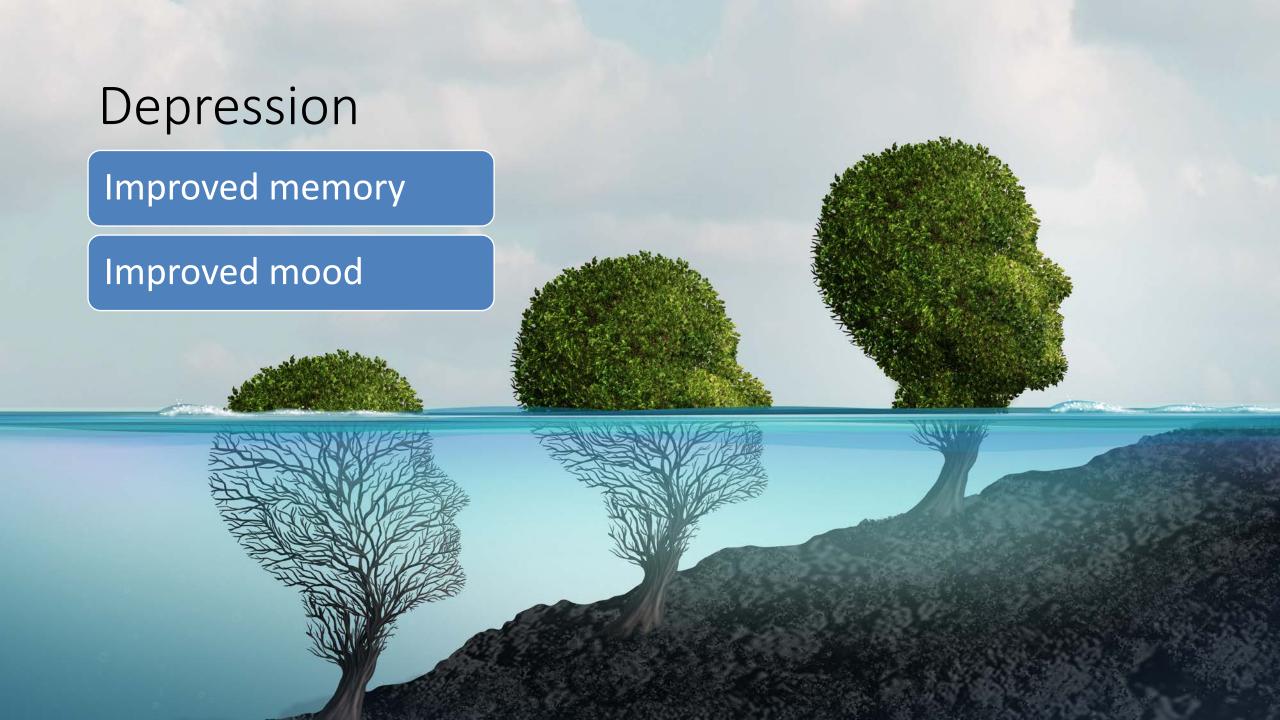




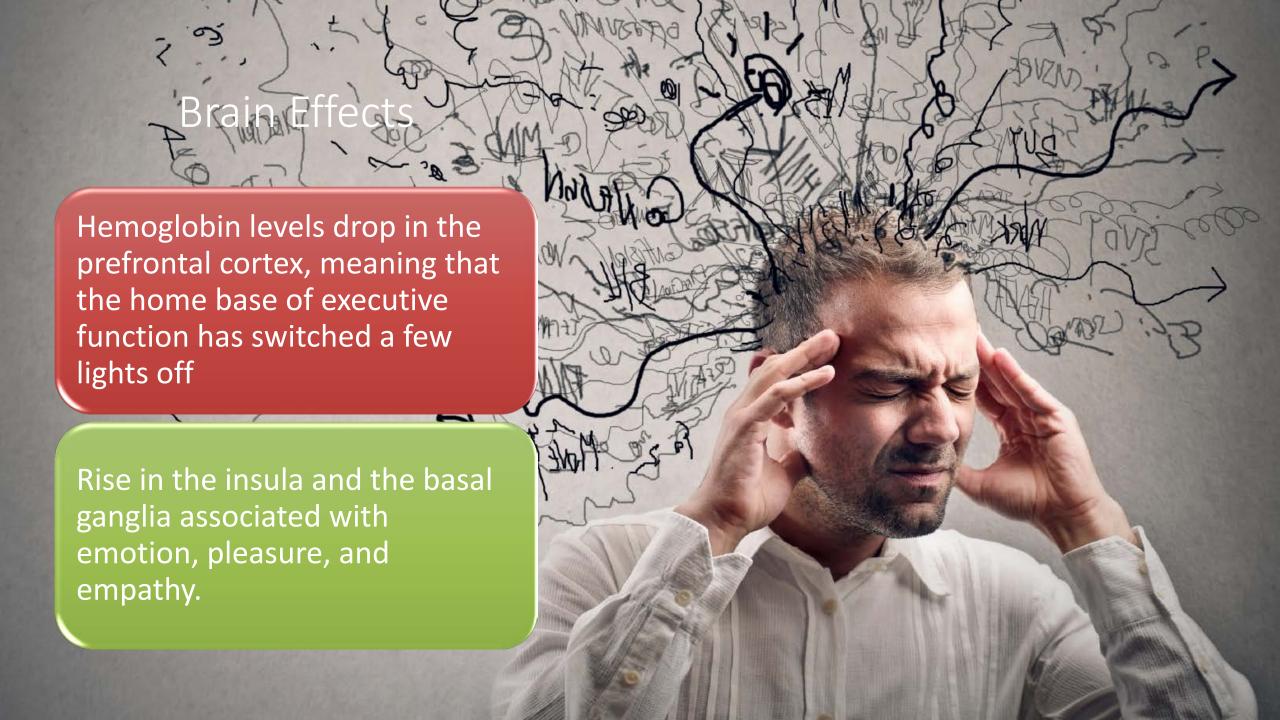
If your social media feed looks anything like mine right now, it's filled with two things: 1) messages about COVID-19 and 2) nature shots. Amidst the posts about possible supply shortages and staffing fears, people are sharing photos of hikes, campfires, and bicycle rides. A physician colleague posted that it's the first time ever that he's gone for a walk with his wife two weekdays in a row.

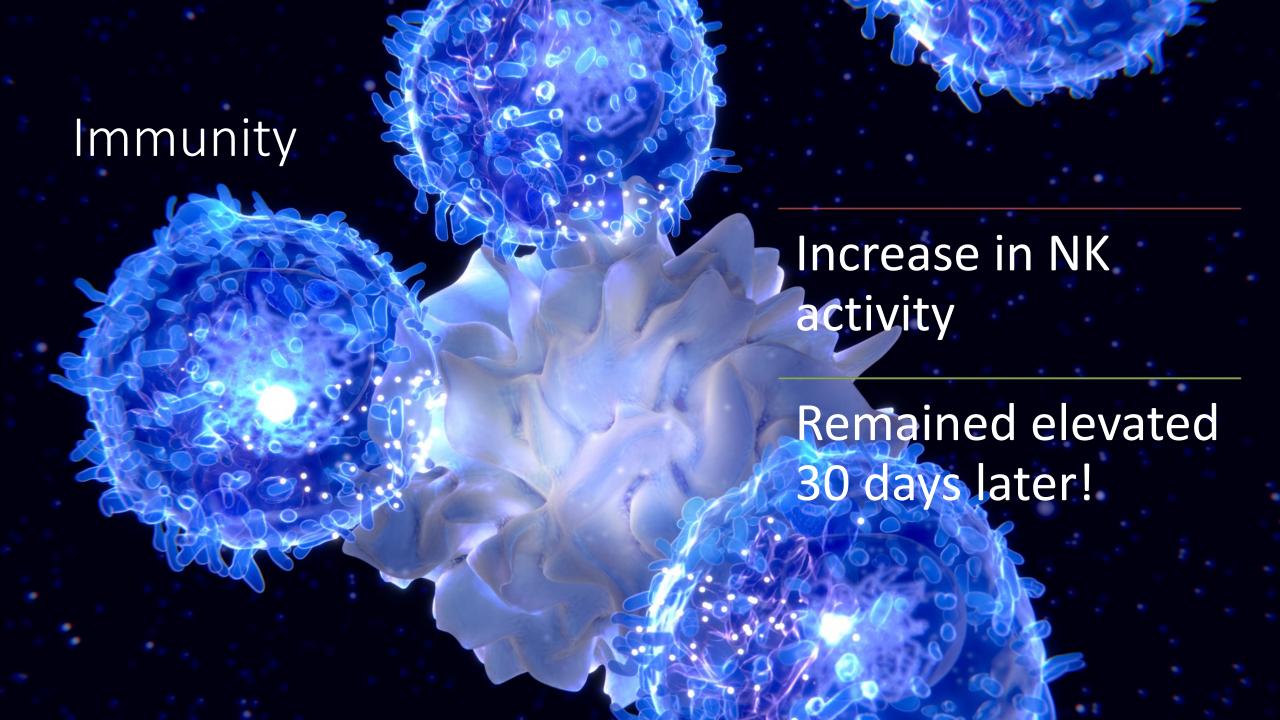


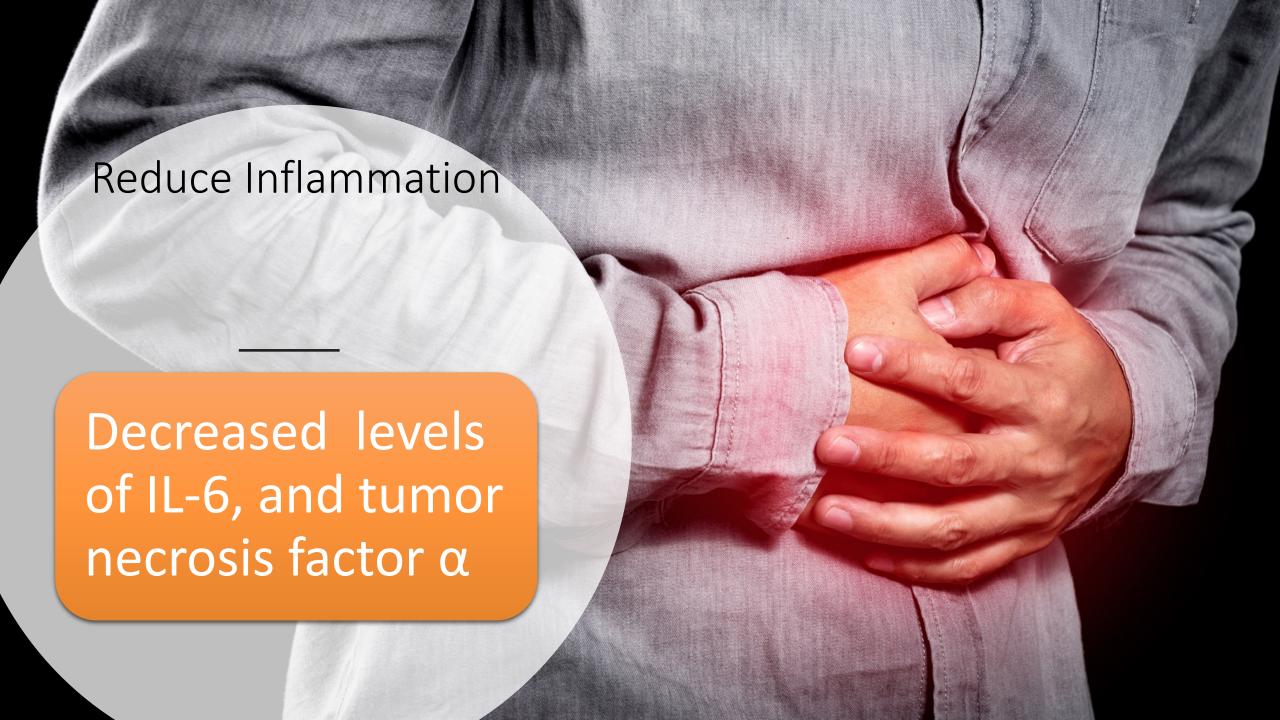
















Parks and Forests provide...

How, What, and Where...

Starts with...

 Hiking, biking and camping have the greatest longevity that any of the human powered outdoor activities

Gateway to Better Health?

Gale Norton[†] & Michael Suk^{††}



Leads to...

- Climbing
- Downhill skiing
- Snowboarding
- Kayaking
- Cross-country skiing
- Trail running
- Snow shoeing
- Volunteering







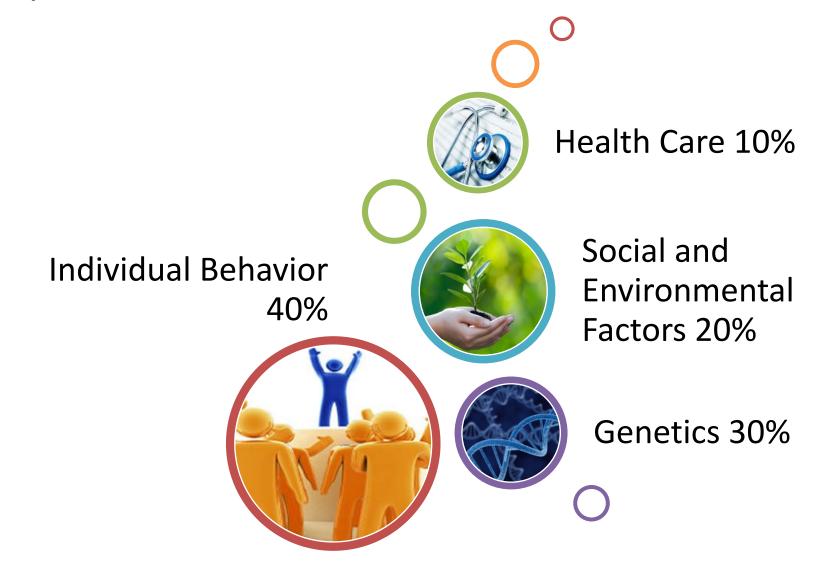








Components of Health and Wellness



Social Determinants of Health













Economic Stability

- Employment
- Income
- Expenses
- Debt
- Medical Bills
- Support

Neighborhood and Physical Environment

- Housing
- Transportation
- Safety
- Parks
- Walkability

Education

- Literacy
- Language
- Early childhood education
- Vocational training
- Higher education

Food

- Hunger
- Access to health options

Community and Social Context

- Social integration
- Support systems
- Community engagement
- Discrimination

Health Care System

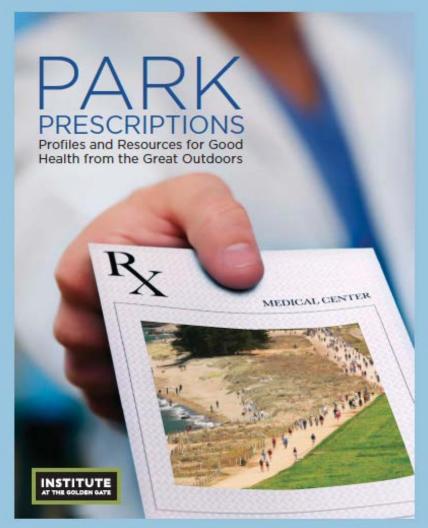
- Health coverage
- Provider availability
- Provider linguistic and cultural competency
- Quality of care

Mortality Morbidity

Life Expectancy Health Care Expenditures

Health Status

Functional Limitations



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Thank You