THE WISDOM GIFT:

A Presentation to the
Yuma Southwest Pacific Section
of the American Industrial Hygiene Association

By T.D. Thedell, MS, Ph.D., CIH, CSP, FAIHA
A MAN CALLED OVE

A NOVEL
Generativity: a concern for establishing and guiding the next generation. Erik Erikson, Psychoanalyst, 1950
Generativity: a defining characteristic of the Yuma Local Section members, individually & collectively.

ACTIVITIES:
- Awards & Scholarships
- Grants
- Professors
- Mentors
- Instructors
- Facilitators
- Employers
- Authors

George and Florence Clayton editors, Published, 1994

Hank Muranko President, AIHA

“...every 10 years the AIHA Board authorize ... subsequent volumes”
Respect for the past means respect for those from whom we received our society.....

Regard for the future means regard for those to whom our society is bequeathed.....

“Not to know what went on before we were born is to remain a child” Cicero
ACADEMIC TRAINING, TEXTBOOKS, AND THE AIHA “BODY OF KNOWLEDGE”

Respect for the past,.....
Regard for the future.

AIHA
REALIZING THE FULL BUSINESS VALUE OF PRODUCT STEWARDSHIP

WORKPLACE VIOLENCE: PRIMER AND GUIDELINE

BURTON FIELD GUIDE FOR INDUSTRIAL HYGIENE

THE OCCUPATIONAL ENVIRONMENT: ITS EVALUATION, CONTROL, AND MANAGEMENT

2016 AIHA Catalog

Why isn’t the AIHA History listed?

Why isn’t it a best seller?

Has it become a “door stop”?
THE WISDOM GIFT:

A Collection of First Hand Experiences with the Great Ideas of Industrial Hygiene

A Proposal to the Yuma Southwest Pacific Section of the American Industrial Hygiene Association
The disadvantage of becoming wise is that you realize how foolish you've been.

--Evan Esar
THE PROPOSAL

YPSW to create a collection for a greater audience the personal first hand experiences or “body” of wisdom stories that created or changed the IH world covering the great, timeless, ideas, rather than individual people or events;

- “TED-like talks” <18 minute story telling to instill excitement about the ideas in the audience in the same way we experienced it:
  - YouTube Channel
  - iTunes
  - YPSW Website
  - Wikipedia
THE PROPOSAL

- Print Media
  - Synergist
  - The Wisdom Gift Collection Book – (Any proceeds donated to the Foundation)

- YPSW Executive Board Appoint Editorial & Production Staff

- The following “Evolution Idea List” for consideration:
<table>
<thead>
<tr>
<th>Generation Timeline</th>
<th>The State of Industrial Hygiene Ideas</th>
<th>Events/Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Industrial Revolution 1800 to 1850</td>
<td>Little to no perception of the presence of workplace hazards</td>
<td>Ramazzini’s Disease of Workers, 1700</td>
</tr>
<tr>
<td>Second Industrial Revolution 1850 to 1915</td>
<td>Beginning Recognition of the presence of workplace hazards</td>
<td>The Triangle Shirtwaist Factory fire</td>
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<tr>
<td>Mass Production 1915 to 1939</td>
<td>Determining how to address worker safety and health in a rapidly changing workplace</td>
<td>AIHA Created</td>
</tr>
<tr>
<td>Greatest Generation 1939 to 1970</td>
<td>Wider Public recognition of hazard, evaluation, and control</td>
<td>Alice Hamilton, Exploring the Dangerous Trades, Patty’s, Cook, etc.</td>
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<tr>
<td></td>
<td></td>
<td>Dr. McCord’s A Blind Hog’s Acorn; OSHA Act 1970</td>
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<tr>
<td>Generation Timeline</td>
<td>Industrial Hygiene Challenges</td>
<td>Events/Actions</td>
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<tr>
<td>-------------------------------------</td>
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<td>-----------------------------------------</td>
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<tr>
<td>Baby Boomer Generation 1970 to 2000</td>
<td>Keeping pace with advances in IH knowledge and technology</td>
<td>Yuma Pacific Southwest Section</td>
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<tr>
<td></td>
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<td>Created 1975</td>
</tr>
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<td></td>
<td></td>
<td>OSHA/NIOSH</td>
</tr>
<tr>
<td>Generation X 2000 to 2016</td>
<td>Managing risk of new chemicals and materials</td>
<td>GHS and more Health Standards</td>
</tr>
<tr>
<td>Next Generation 2017 and Beyond</td>
<td>Managing risk, law, and litigation</td>
<td>???</td>
</tr>
</tbody>
</table>
“The Great but Simple Idea to ask “What is your occupation?”

Job Hazard Analysis

RAMAZZINI
(1633 - 1714)
What is your occupation/job title and what can you learn about them?

A great question, think of the almost countless job titles encountered by IH’s.

My experiences with:

<table>
<thead>
<tr>
<th>Ways men</th>
<th>Linemen</th>
<th>Gas Laborer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic Fabricator</td>
<td>Abrasive Blaster</td>
<td>Boilermaker</td>
</tr>
<tr>
<td>Gandy Dancers</td>
<td>TIG Welder</td>
<td>Riveter</td>
</tr>
<tr>
<td>Sheet Metal Work</td>
<td>Farmers</td>
<td>Street Repair</td>
</tr>
<tr>
<td>Coal miners</td>
<td>Coke Oven Op</td>
<td>Riggers</td>
</tr>
</tbody>
</table>
“Risk = Hazard + Outrage”
AGM-129 ACM (Advanced Cruise Missile)

Employee symptoms of skin and/or respiratory irritation, headache or mild nausea.
MORE OF THE GREAT IDEAS TO HARVEST

- Dose makes the poison.
- Don’t breathe the poison.
- Don’t eat the poison.
- Don’t touch the poison.
- Remove or Dilute the poison - ventilation.
- Eliminate/Substitute the poison.
- Limit/Regulate the poison.
- Competence + Confidence = Certification
OTHER GREAT IDEAS OF INDUSTRIAL HYGIENE
In a coming day they (the workers) will be even more adequately safeguarded, until in time no work will be associated with any prospective, unwanted toll of the worker’s well-being.

DR. CAREY P. MCCORD’S “A BLIND HOG’S ACORNS”
CALL TO ACTION
RESPECT FOR THE PAST... REGARD FOR THE FUTURE

- YPSW owns the precious perspective and the weight of memories of experiences;

- Ponder, deliberate, discuss what are the great ideas that span across the generations;

- Volunteers to write story scripts, essays, edit, facilitate internet video and text publication and market the ideas that created and changed the IH world.
Clayton’s Great Ideas

- Respect for the past means respect for those from whom we received our society.....
- Regard for the future means regard for those to whom our society is bequeathed.....*(in a manner they will access)*
- “Not to know what went on before we were born is to remain a child” Cicero
LET’S BEGIN!

- The Wisdom Gift, is your gift to the future
- Thank you!
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