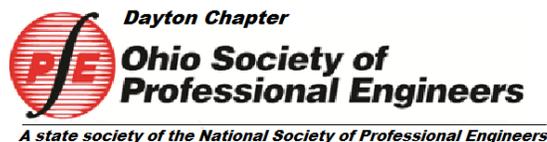


DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

THE DAYTON ENGINEER

VOLUME 5, ISSUE 9

01 SEPTEMBER 2014



NEXT BOARD OF DIRECTORS MEETING—9 SEPTEMBER

The next DSPE Board meeting will be on 9 September 2014 DSPE Board Meeting from 5:15 to 6:30 PM at the Wright State University Engineering and Computer Science Dean's office conference room.

2014 EFO BENEFIT GOLF OUTING—FRIDAY, 12 SEPTEMBER

The 2014 EFO Benefit Golf Outing will be held on Friday, 12 September, at Safari Golf Club in Powell, Ohio. Register as a player and/or sponsor. Call (614) 223-1177 or (800) 654-9498, or go to: <http://events.r20.constantcontact.com/register/event?oeidk=a07e9jw8upm1e5bab88&llr=s8ap4tcab>. Registration, lunch, and the driving range begin at 11:30 with golf beginning at 1 PM. This is a 501(c)3 nonprofit, tax-exempt charity, your contribution is tax-deductible according to the Tax Reform Act of 1993. Please see your tax advisor for details.

SEPTEMBER CHAPTER MEETING—11 SEPTEMBER 2014



The September 11 DSPE chapter meeting will be the annual legislative update, held at the Dayton Engineers Club from 12:00 Noon until 2:00 PM. All members of the Ohio House of Representatives and Senate, from Districts within our membership area, have been invited to this meeting. We have had good success in having legislators attend in the past. We have checked and find no significant conflicts with scheduled events for legislators. Members and attendees are asked to pre-



sent comments, either for or against, on pending legislation regarding the Engineering Profession. The members of the legislature will hear these comments and be able to offer their comments. This is our chance to be proactive. The list of legislative bills are shown in this bulletin. Please send questions you wish to have addressed by our honorable guests to Ed Schlaack at his email, below. A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one and one half (1.5) Professional Development Hours (PDH). Reservations: Those wishing to attend should make your reservations no later than Tuesday, September 9, 2014 with Ed Schlaack by email at SchlaackE@mcoho.org or by phone at (937) 781-2632 (office) or (937) 885-9633 (home). As an alternative, you can also make reservations by contacting Rich Henry by email at Rhenry1049@aol.com or by phone at (937) 849-0981.

Ohio Society of Professional Engineers
Bill Status Report
As of June 19, 2014

<u>Senate Joint Resolution 5</u>	INFRASTRUCTURE BONDS (<u>Bacon, K.</u>) -- Permits the issuance of additional general obligation bonds to fund public infrastructure capital improvements. <u>Status:</u> Passed in House (1/22/2014); Ohio voters approved State Issue 1 (5/6/2014). <u>OSPE Position:</u> OSPE supports SJR 5 & State Issue 1. OPWC provides funds for consulting engineering services around Ohio.
<u>House Bill 12</u>	BOILER SAFETY (<u>Roegner, K.</u>) -- Eliminates the licensed operator requirement for gaseous fuel & fuel oil fired boilers that comply with certain safety & engineering standards. <u>Status:</u> Signed by the Governor (10/31/2013). Enacted. <u>Note:</u> Affects the Ohio Boiler Code & the engineers who concern themselves with that. Deals with permitting electronic controls for certain boilers, which will replace selected boiler stationary engineers.
<u>House Bill 35</u>	TRANSPORTATION BUDGET (<u>McGregor, R.</u>) -- Makes appropriations for programs related to transportation & public safety for the biennium (2013-2015). Provides authorization & conditions for the operation of those programs. <u>Status:</u> Committee Hearing in Senate (3/14/2013 - Canceled)
<u>House Bill 38</u>	TURNPIKE BONDS (<u>McGregor, R.</u>) -- Authorizes the Ohio Turnpike Commission to issue revenue bonds for infrastructure projects. <u>Status:</u> Introduced & Referred to House Finance & Appropriations Committee (2/6/2013)
<u>House Bill 41</u>	OIL GAS DRILLING (<u>Hagan, R.</u>) -- Authorizes a political subdivision to enact & enforce health & safety standards for oil & gas drilling & exploration. <u>Status:</u> Committee Hearing in House (6/25/2013; continued)
<u>House Bill 42</u>	OIL GAS PERMITS (<u>Hagan, R.</u>) -- Revises the requirements concerning an oil & gas permit application, an oil & gas well completion record, designation of trade secret protection for chemicals used to drill or stimulate an oil & gas well. <u>Status:</u> Committee Hearing in House (6/25/2013; continued)
<u>House Bill 51</u>	TRANSPORTATION BUDGET (<u>McGregor, R.</u>) -- Make appropriations for programs related to transportation & public safety for the biennium (2013-2015). <u>Status:</u> Signed by the Governor (4/1/2013). Enacted.
<u>House Bill 59</u>	BUDGET BILL (<u>Amstutz, R.</u>) -- Makes operating appropriations for the biennium (2013-2015). <u>Status:</u> Signed by the Governor (7/1/2013). Enacted. <u>Note:</u> Concern regarding Sales Tax Expansion / Professional Services Tax, however the tax on engineering services was not included in the final version.
<u>House Bill 83</u>	OIL GAS LAWS (<u>Hagan, R.</u>) -- Increases criminal penalties for violations of the Oil & Gas Law relating to improper disposal, transport & management of brine. <u>Status:</u> Committee Hearing in House (6/25/2013; continued)
<u>House Bill 202</u>	ENGINEERS & SURVEYORS (<u>Blessing, L.</u>) -- Makes changes to the examination, reporting & educational requirements of professional engineers & surveyors. <u>Status:</u> Signed by the Governor (3/4/2014). Enacted. <u>OSPE Position:</u> OSPE supports this & companion legislation (Senate Bill 154). Computer-based testing legislation.

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- House Bill 229 PUBLIC WORKS CONTRACTS (Young, R.) – Expands the number of potential bidders for public works funded by a state agency & to not discriminate in favor of or against labor organizations by requiring or prohibiting certain labor requirements as a condition of performing. Status: Referred to House State & Local Government Committee (9/19/2013).
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- House Bill 239 COUNTY TRANSIT SYSTEMS (Ruhl, M., Brenner, A.) – Allows the operator of a county transit system to enter into an agreement with a public or private entity for certain services, materials, equipment, or supplies if determined necessary for the generation of operating funds. Status: Reported from House State & Local Government Committee (6/4/2014).
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- * House Bill 379 CIVIL IMMUNITY (Blessing, J., Landis, A.) – Provides civil immunity for architects, engineers & surveyors providing services during a declared emergency. Status: Referred to Senate Civil Justice Committee (4/8/2014). OSPE Position: OSPE supports this Good Sam bill. Amended bill adds contractors & tradespersons.
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- * House Bill 405 TAX CREDITS (Budish, A.) – Grants an income tax credit to individuals who earn degrees in STEM fields of study. Status: Committee Hearing in House (3/19/2014; continued). OSPE Position: OSPE supports.
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- * House Bill 417 PIPING MATERIALS (Thompson, A.) – Ensures that all proven & acceptable piping materials be included in bids for water & wastewater utility service improvement projects. Status: Committee Hearing in House (3/19/2014; continued). OSPE Position: OSPE opposes. (Legislation is being pushed by the PVC industry.)
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- House Bill 427 INFRASTRUCTURE PROJECTS (Budish, A.) – Expands the authorized use of money in the Infrastructure Fund (derived from proceeds from Ohio Turnpike revenue bonds) to include infrastructure projects that consist of the maintenance or repair of existing infrastructure. Modifies the process for approval of infrastructure projects. Status: Referred to House Finance & Appropriations Committee (2/11/2014)
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- * House Bill 439 WHISTLEBLOWERS (Dovilla, M., Hayes, B.) – Prohibits an appointing authority from taking disciplinary action against certain public employees who report a noncriminal law violation or misuse of public resources to the Inspector General. Status: Committee Hearing in House (4/8/2014; continued). OSPE Position: OSPE supports.
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- House Bill 446 SCHOOL FACILITY SAFETY (Rogers, J.) – Requires the State Board of Education to adopt rules prescribing standards for safety enhancements to new public & nonpublic school facilities. Requires the Ohio School Facilities Commission to revise its construction & design standards to comply with the State Board's standards. Status: Referred to House Education Committee (2/25/2014).
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- House Bill 472 MBR TAX POLICY (McClain, J.) – Makes operating & other appropriations & provides authorization & conditions for the operation of state programs. Status: Committee Hearing in House (3/26/2014; continued). Note: Watch for potential expanded tax on businesses.
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- House Bill 483 MBR APPROPRIATIONS (Amstutz, R.) – Makes operating & other appropriations & provides authorization & conditions for the operation of state programs. Status: Signed by Governor (5/15/2014). Enacted.
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Ohio Society of Professional Engineers
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House Bill 490 MBR ENVIRONMENT (Hall, D., Thompson, A.) – Revises certain laws governing agriculture, natural resources & environmental protection. Status: Committee Hearing in House (5/20/2014; continued).

House Bill 494 TRANSPORTATION PROJECTS (Schuring, K.) – Authorizes counties to undertake regional transportation improvement projects funded by the issuance of securities & by revenue pledges from the state & political subdivisions & taxing districts located within the cooperating counties. Status: Referred in Senate to Ways & Means Committee. (6/3/2014).

House Bill 497 CAPITAL APPROPRIATIONS (Amstutz, R.) – Makes capital appropriations & changes to the law governing capital projects & to make reappropriations for the biennium ending June 30, 2016. Status: Signed by the Governor (4/1/2014). Enacted.

Senate Bill 17 OIL GAS PERMITS (Skindell, M.) – Revises the requirements concerning an oil & gas permit application, an oil & gas well completion record, designation of trade secret protection for chemicals used to drill or stimulate an oil & gas well. Status: Referred to Senate Energy & Natural Resources (2/13/2013).

Senate Bill 37 WATER ACCESS (Gentile, L., Hite, C.) – Creates the Water Access To Every Residence Task Force. Status: Committee Hearing in Senate Energy & Natural Resources. Substitute bill. (11/12/2013; continued).

Senate Bill 58 ENERGY EFFICIENCY (Saitz, B.) – Reviews & possibly modifies the energy efficiency, peak demand reduction & alternative energy resource provisions established by Ohio law governing competitive retail electric service. Status: Committee Hearing in Senate (2/19/2014; continued).

Senate Bill 78 SPECIALTY CONSTRUCTION (Hughes, J.) – Makes changes to the law regulating specialty construction contractors. Status: Signed by Governor (5/17/2014). Enacted.

Senate Bill 162 SCHOOL CO DETECTORS (Hughes, J.) – Requires the State Fire Marshal & the Board of Building Standards to include in the State Fire Code & Ohio Building Code, respectively, a requirement that a public or private school must install carbon monoxide detectors within each building of the school. Status: Committee Hearing in Senate (11/8/2013; continued).

Senate Bill 178 DRILLING BRINE DISPOSAL (Skindell, M.) – Prohibits land application & deep well injection of brine, to prohibit the conversion of wells & to eliminate the injection fee that is levied under the Oil & Gas Law. Status: Committee Hearing in Senate (10/29/2013; scheduled but not heard).

Senate Bill 179 RECYCLED WATER (Eklund, J.) – Includes recycled water as a private water system for purposes of regulation by the Department of Health & boards of health. Status: Signed by the Governor (4/10/2014). Enacted.

Senate Bill 218 TRANSPORTATION AUTHORITIES (Cafaro, C.) – Authorizes the creation of transportation innovation authorities by specified governmental entities & to establish the powers & duties of such authorities. Status: Committee Hearing in Senate (3/25/2014; continued).

DAYTON CHAPTER—OHIO
SOCIETY OF PROFESSIONAL
ENGINEERS

4367 Sillman Pl.
Kettering, OH 45440-1140

Phone: 937-225-6040
Fax: 937-496-7441

WE'RE ON THE WEB!
WWW.DSPE.ORG



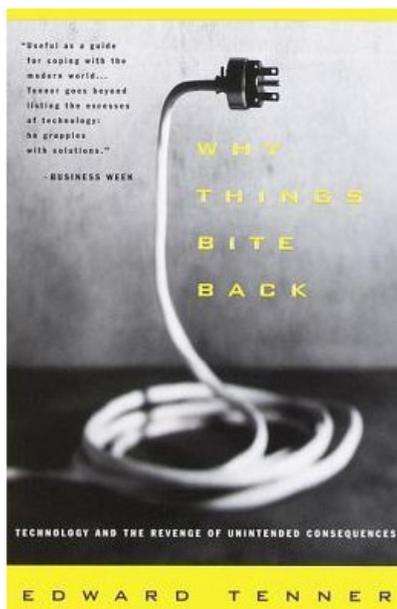
OSPE is dedicated to the advancement of professional engineers in Ohio and is the single most powerful voice representing all disciplines within the engineering profession. The Dayton Society of Professional Engineers, is a chapter of the OSPE serving the local Dayton Area. DSPE aspires to conduct a monthly chapter luncheon meeting that will serve our membership by providing an opportunity to come together to share professional experiences, to network, and to gain continuing professional development through interesting presentations on a variety of technical, management, and ethics topics on all engineering disciplines.

FINANCIAL CONTRIBUTIONS TO HELP MEET CHAPTER MISSION



Our chapter activities are focused on youth education and scholarships and include 2nd Grade Coloring Contest via *ImagineEngineering*, and Middle School MATHCOUNTS. These are our Society's flagship events to bring to our youth an awareness of the value of science, technology, and especially the engineering profession. But they do not happen on their own. It requires hands-on participation and financial contributions from our members, that's you and me. Your personal and corporate financial contributions are solicited through our Engineers Foundation of Ohio (EFO) to help us host these events on a local, state, and national level (except for the coloring contest). Please consider making a personal contribution and soliciting from your company, if they have a community relations department. Contributions through EFO are fully tax-deductible. Please contact us for the tax ID number for your records. Even more important for the success of these events is your hands-on participation. Please contact a board member for opportunities.

BOOK REVIEW: "WHY THINGS BITE BACK*", BY EDWARD TENNER



[From <http://www.Goodreads.com>] [*]"Technology and the Revenge of Unintended Consequences"] [Reviews by www.Goodreads.com and Jackson Lears, *Wilson Quarterly*(less)] In this perceptive and provocative look at everything from computer software that requires faster processors and more support staff to antibiotics that breed resistant strains of bacteria, Edward Tenner offers a virtual encyclopedia of what he calls "revenge effects"--the unintended consequences of the mechanical, chemical, biological, and medical forms of ingenuity that have been hallmarks of the progressive, improvement-obsessed modern age. Tenner shows why our confidence in technological solutions may be misplaced, and explores ways in which we can better survive in a world where despite technology's advances--and often because of them--"reality is always gaining on us. (Goodreads)

"A bracing critique of technological determinism in both its utopian and dystopian forms...No one who wants to think clearly about our high-tech future can afford to ignore this book." (Lears)