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Process Oriented Guided Inquiry Learning (POGIL) Amer Chemical Society *The volume begins with an overview of POGIL and a discussion of the science education reform context in which it was developed. Next, cognitive models that serve as the basis for POGIL are presented, including Johnstone's Information Processing Model and a novel extension of it. Adoption, facilitation and implementation of POGIL are addressed next. Faculty who have made the transformation from a traditional approach to a POGIL student-centered approach discuss their motivations and implementation processes. Issues related to implementing POGIL in large classes are discussed and possible solutions are provided. Behaviors of a quality facilitator are presented and steps to create a facilitation plan are outlined. Succeeding chapters describe how POGIL has been successfully implemented in diverse academic settings, including high school and college classrooms, with both science and non-science majors. The challenges for implementation of POGIL are presented, classroom practice is described, and topic selection is addressed. Successful POGIL instruction can incorporate a variety of instructional techniques. Tablet PC's have been used in a POGIL classroom to allow extensive communication between students and instructor. In a POGIL laboratory section, students work in groups to carry out experiments rather than merely verifying previously taught principles. Instructors need to know if students are benefiting from POGIL practices. In the final chapters, assessment of student performance is discussed. The concept of a feedback loop, which can consist of self-analysis, student and peer assessments, and input from other instructors, and its importance in assessment is detailed. Data is provided on POGIL instruction in organic and general chemistry courses at several institutions. POGIL is shown to reduce attrition, improve student learning, and enhance process skills.* **Experiments in Plant Hybridisation** Cosimo, Inc. *Experiments which in previous years were made with ornamental plants have already afforded evidence that the hybrids, as a rule, are not exactly intermediate between the parental species. With some of the more striking characters, those, for instance, which relate to the form and size of the leaves, the pubescence of the several parts, etc., the intermediate, indeed, is nearly always to be seen; in other cases, however, one of the two parental characters is so preponderant that it is difficult, or quite impossible, to detect the other in the hybrid. from 4. The Forms of the Hybrid One of the most influential and important scientific works ever written, the 1865 paper Experiments in Plant Hybridisation was all but ignored in its day, and its author, Austrian priest and scientist GREGOR JOHANN MENDEL (18221884), died before seeing the dramatic long-term impact of his work, which was rediscovered at the turn of the 20th century and is now considered foundational to modern genetics. A simple, eloquent description of his 18561863 study of the inheritance of traits in pea plantsMendel analyzed 29,000 of themthis is essential reading for biology students and readers of science history. Cosimo presents this compact edition from the 1909 translation by British geneticist WILLIAM BATESON (18611926).* **Preparing for the Biology AP Exam** Benjamin Cummings *Key Benefit: Fred and Theresa Holtzclaw bring over 40 years of AP Biology teaching experience to this student manual. Drawing on their rich experience as readers and faculty consultants to the College Board and their participation on the AP Test Development Committee, the Holtzclaws have designed their resource to help your students prepare for the AP Exam. * Completely revised to match the new 8th edition of Biology by Campbell and Reece. * New Must Know sections in each chapter focus student attention on major concepts. * Study tips, information organization ideas and misconception warnings are interwoven throughout. * New section reviewing the 12 required AP labs. * Sample practice exams. * The secret to success on the AP Biology exam is to understand what you must know–and these experienced AP teachers will guide your students toward top scores! Market Description: Intended for those interested in AP Biology.* **POGIL Activities for AP Biology Dictionary of Gods and Goddesses** Infobase Publishing *Presents brief entries describing the gods and goddesses from the mythology and religion of a wide variety of cultures throughout history.* **Essentials in Dermatology** Jaypee Brothers,Medical Publishers Pvt. Limited *- Incorporates differential diagnosis for each entity or group of entities to further understand the subject critically. - New chapters have been added such as, skin in systemic diseases, skin changes of pregnancy and old age, and antiretroviral therapy (ART). - All the chapters have been updated and treatment guidelines revised. Newer entities have been included under various chapters, maintaining the brevity and conciseness. - Incorporated better photographs and clinical illustrations for easy understanding of the text.* **2021 Illinois AMP Real Estate Exam Prep Questions & Answers Study Guide to Passing the Salesperson Real Estate License Exam Effortlessly** Real Estate Exam Professionals, Ltd. *Pass the 2021 Illinois AMP Real Estate Salesperson Exam effortlessly on your 1st try. In this simple course, which includes both the Illinois state and AMP question and answer exam prep study guide, not only will you learn to pass the state licensing exam, you will also learn: - How to study for the IL exam quickly and effectively. - Secrets to Passing the Real Estate Exam even if you do not know the answer to a question. - How to tackle hard real estate MATH questions with ease and eliminate your fears. - Tips and Tricks from Real Estate Professionals, professional exam writers and test proctors. It will also answer questions like: - Do I need other course materials from companies like Allied Real Estate School? How about Anthony Real Estate School or Kaplan Real Estate School? Are they even good schools to attend? - What kinds of questions are on the Illinois Real Estate License Exam? - Should I use the IL Real Estate License Exams for Dummies Book? This Real Estate Study Guide contains over 1200+ real estate exam questions and answers with full explanations. It includes the Illinois State Specific portion, the AMP portion, real estate MATH ONLY section, and real estate vocabulary only exams. You will receive questions and answers that are similar to those on the Illinois Department of Real Estate Exam. You deserve the BEST real estate exam prep program there is to prepare you to pass, and it gets no better than this. The Illinois Real Estate Salesperson Exam is one of the hardest state test to pass in the United States. We have compiled this simple exam cram book that quickly and easily prepares you to take your state licensing exam and pass it on the 1st try with the AMP exam. Our Real Estate Exam Review is designed to help you pass the real estate exam in the quickest, easiest and most efficient manner possible. Throw away your real estate course test books and class notes, this is all you need to pass!* **Pot-Pollen in Stingless Bee Melittology** Springer *This book covers pot-pollen—the other product, besides honey, stored in cerumen pots by Meliponini. Critical assessment is given of stingless bee and pot-pollen biodiversity in the Americas, Africa, Asia and Oceania. Topics addressed include historical biogeography, cultural knowledge, bee foraging behavior, pollination, ecological interactions, health applications, microbiology, the natural history of bee nests, and chemical, bioactive and individual plant components in stored pollen. Pot-pollen maintains the livelihoods of stingless bees and provides many interesting biological products that are just now beginning to be understood. The Meliponini have developed particular nesting biologies, uses of building materials, and an architecture for pollen storage. Environmental windows provide optimal temperature and availability of pollen sources for success in plant pollination and pollen storage. Palynological composition and pollen taxonomy are used to assess stingless honey bee pollination services. Pollen processing with microorganisms in the nest modifies chemical composition and bioactivity, and confers nutraceutical benefits to the honey and pollen widely relished by native people. Humans have always used stingless bees. Yet, sustainable meliponiculture (stingless bee-keeping) projects have so far lacked a treatise on pot-pollen, which experts provide in this transdisciplinary, groundbreaking volume.* **Understanding by Design** ASCD *Presents a multifaceted model of understanding, which is based on the premise that people can demonstrate understanding in a variety of ways.* **Science Stories You Can Count On 51 Case Studies With Quantitative Reasoning in Biology** NSTA Press *Using real stories with quantitative reasoning skills enmeshed in the story line is a powerful and logical way to teach biology and show its relevance to the lives of future citizens, regardless of whether they are science specialists or laypeople." —from the introduction to Science Stories You Can Count On This book can make you a marvel of classroom multitasking. First, it helps you achieve a serious goal: to blend 12 areas of general biology with quantitative reasoning in ways that will make your students better at evaluating product claims and news reports. Second, its 51 case studies are a great way to get students engaged in science. Who wouldn't be glad to skip the lecture and instead delve into investigating cases with titles like these: • "A Can of Bull? Do Energy Drinks Really Provide a Source of Energy?" • "ELVIS Meltdown! Microbiology Concepts of Culture, Growth, and Metabolism" • "The Case of the Druid Dracula" • "As the Worm Turns: Speciation and the Maggot Fly" • "The Dead Zone: Ecology and Oceanography in the Gulf of Mexico" Long-time pioneers in the use of educational case studies, the authors have written two other popular NSTA Press books: Start With a Story (2007) and Science Stories: Using Case Studies to Teach Critical Thinking (2012). Science Stories You Can Count On is easy to use with both biology majors and nonscience students. The cases are clearly written and provide detailed teaching notes and answer keys on a coordinating website. You can count on this book to help you promote scientific and data literacy in ways to prepare students to reason quantitatively and, as the authors write, "to be astute enough to demand to see the evidence."* **Project Retrosight Understanding the Returns from Cardiovascular and Stroke Research : Methodology Report** *This project explores the impacts arising from cardiovascular and stroke research funded 15-20 years ago and attempts to draw out aspects of the research, researcher or environment that are associated with high or low impact. The project is a case study-based review of 29 cardiovascular and stroke research grants, funded in Australia, Canada and UK between 1989 and 1993. The case studies focused on the individual grants but considered the development of the investigators and ideas involved in the research projects from initiation to the present day. Grants were selected through a stratified random selection approach that aimed to include both high- and low-impact grants. The key messages are as follows: 1. The cases reveal that a large and diverse range of impacts arose from the 29 grants studied. 2. There are variations between the impacts derived from basic biomedical and clinical research. 3. There is no correlation between knowledge production and wider impacts. 4. The majority of economic impacts identified come from a minority of projects. 5. We identified factors that appear to be associated with high and low impact. This report presents the key observations of the study and an overview of the methods involved. It has been written for funders of biomedical and health research and health services, health researchers, and policy makers in those fields. It will also be of interest to those involved in research and impact evaluation.* **An Abridgment of Ainsworth's Dictionary English and Latin, Designed for the Use of Schools Encyclopedia of Gods Over 2,500 Deities of the World** *Throughout history, questions of life and death, famine and bounty, good and bad luck have puzzled people the world over, and they have attempted to solve mysteries and allay fears in the same way - through the worship of gods. Arranged alphabetically from A-a, the sun goddess of Mesopotamia, to Zurvan, the Persian god of fate, Encyclopedia of Gods is the most broadly based work of reference yet produced on gods from all over the world. Giving equal emphasis to ancient mythology and contemporary religions, the entries explain the culture of origin and the role of each god or goddess, while longer essays give details of artistic and literary references, known dates of worship and legends associated with the more important deities.* **Uncovering Student Ideas in Science: 25 formative assessment probes** NSTA Press *Using probes as diagnostic tools that identify and analyze students' preconceptions, teachers can easily move students from where they are in their current thinking to where they need to be to achieve scientific understanding.* **DNA Science A First Course** CSHL Press *This is the second edition of a highly successful textbook (over 50,000 copies sold) in which a highly illustrated, narrative text is combined with easy–to–use thoroughly reliable laboratory protocols. It contains a fully up–to–date collection of 12 rigorously tested and reliable lab experiments in molecular biology, developed at the internationally renowned Dolan DNA Learning Center of Cold Spring Harbor Laboratory, which culminate in the construction and cloning of a recombinant DNA molecule. Proven through more than 10 years of teaching at research and nonresearch colleges and universities, junior colleges, community colleges, and advanced biology programs in high school, this book has been successfully integrated into introductory biology, general biology, genetics, microbiology, cell biology, molecular genetics, and molecular biology courses. The first eight chapters have been completely revised, extensively rewritten, and updated. The new coverage extends to the completion of the draft sequence of the human genome and the enormous impact these and other sequence data are having on medicine, research, and our view of human evolution. All sections on the concepts and techniques of molecular biology have been updated to reflect the current state of laboratory research. The laboratory experiments cover basic techniques of gene isolation and analysis, honed by over 10 years of classroom use to be thoroughly reliable, even in the hands of teachers and students with no prior experience. Extensive prelab notes at the beginning of each experiment explain how to schedule and prepare, while flow charts and icons make the protocols easy to follow. As in the first edition of this book, the laboratory course is completely supported by quality–assured products from the Carolina Biological Supply Company, from bulk reagents, to useable reagent systems, to single–use kits, thus satisfying a broad range of teaching applications.* **Getting Started with R** Oxford University Press *R is rapidly becoming the standard software for statistical analyses, graphical presentation of data, and programming in the natural, physical, social, and engineering sciences. Getting Started with R is now the go-to introductory guide for biologists wanting to learn how to use R in their research. It teaches readers how to import, explore, graph, and analyse data, while keeping them focused on their ultimate*

goals: clearly communicating their data in oral presentations, posters, papers, and reports. It provides a consistent workflow for using R that is simple, efficient, reliable, and reproducible. This second edition has been updated and expanded while retaining the concise and engaging nature of its predecessor, offering an accessible and fun introduction to the packages dplyr and ggplot2 for data manipulation and graphing. It expands the set of basic statistics considered in the first edition to include new examples of a simple regression, a one-way and a two-way ANOVA. Finally, it introduces a new chapter on the generalised linear model. Getting Started with R is suitable for undergraduates, graduate students, professional researchers, and practitioners in the biological sciences. **Two-Week Wait an IVF story** Scribe Publications *An original graphic novel based on the IVF stories of its husband-and-wife authors and the 1-in-50 couples around the world like them. Conrad and Joanne met in their final year of university and have been virtually inseparable since then. For a while, it felt like they had all the time in the world. Yet now, when they are finally ready to have kids, they find that getting pregnant isn't always so easy. Ahead of them lies a difficult, expensive, and emotional journey into the world of assisted fertility, where each 'successful' implantation is followed by a two-week wait to see if the pregnancy takes. Join Joanne and Conrad, their friends, their family, their coworkers, and a stream of expert medical practitioners as they experience the highs and the lows, the tears and the laughter in this sensitive but unflinching portrayal of the hope and heartbreak offered to so many by modern medicine.* **The Scientific Basis of Urology, Second Edition** CRC Press *Written specifically for urological trainees by a distinguished team of contributors, The Scientific Basis of Urology, Second Edition provides the reader with a thorough coverage of urology. Every area, function, illness and cure of the urinary tract, along with specific discussions of the relevant anatomy and physiology, are discussed in clearly written text, abundantly illustrated with full color photographs and diagrams. Each chapter takes the basic principles of its topic area and expands upon them to ensure maximum understanding. New Chapters in the Second Edition: Inflammation Shock Detrusor Smooth Muscle Physiology Pathophysiology of Bladder Dysfunction The Scientific Basis of Urodynamics Biology of Cancer and Metastasis Molecular Genetics and Pathology of Renal Cell Carcinomas Principles of Chemotherapy Urological and Biochemical Aspects of Transplantation Biology Perioperative Care of the Urological Patient* **Exploring Creation with Physics** Apologia Educational Ministries **Biological Macromolecules Bioactivity and Biomedical Applications** Academic Press *Biological Macromolecules: Bioactivity and Biomedical Applications presents a comprehensive study of biomacromolecules and their potential use in various biomedical applications. Consisting of four sections, the book begins with an overview of the key sources, properties and functions of biomacromolecules, covering the foundational knowledge required for study on the topic. It then progresses to a discussion of the various bioactive components of biomacromolecules. Individual chapters explore a range of potential bioactivities, considering the use of biomacromolecules as nutraceuticals, antioxidants, antimicrobials, anticancer agents, and antidiabetics, among others. The third section of the book focuses on specific applications of biomacromolecules, ranging from drug delivery and wound management to tissue engineering and enzyme immobilization. This focus on the various practical uses of biological macromolecules provide an interdisciplinary assessment of their function in practice. The final section explores the key challenges and future perspectives on biological macromolecules in biomedicine. Covers a variety of different biomacromolecules, including carbohydrates, lipids, proteins, and nucleic acids in plants, fungi, animals, and microbiological resources Discusses a range of applicable areas where biomacromolecules play a significant role, such as drug delivery, wound management, and regenerative medicine Includes a detailed overview of biomacromolecule bioactivity and properties Features chapters on research challenges, evolving applications, and future perspectives* **Alcohol and the Cell Millionaire by Thirty The Quickest Path to Early Financial Independence** Hachette UK *The definitive, easy to understand and breakthrough guide on how young people can take their limited first income and turn it into a small fortune by the time they turn thirty from an expert financial planner. Most people know that there are 70 million Baby Boomers in America today....but what is less known is that there are approximately 100 million people in America between the ages of 16 and 30. This generation has just entered, or will soon be entering the work force. And they have no idea how to invest, save, or handle their money. Young people today come out of school having had little or no formal education on the basics of money management. Many have large debts from student loans looming over their heads. And many feel confused and powerless when their pricey educations don't translate into high paying jobs. They feel that their $30,000-$40,000 salary is too meager to bother with investing, and they constantly fear that there will be "too much month left at the end of their money." Douglas R. Andrew has shown the parents of this generation a different pathway to financial freedom. Now Doug and his sons, Emron and Aaron - both of whom are in their mid-20s - show the under-30 crowd how they can break from traditional 401k investment plans and instead can find a better way by investing in real estate, budgeting effectively, avoiding unnecessary taxes and using life insurance to create tax-free income. With the principles outlined in Millionaire by Thirty, recent graduates will be earning enough interest on their savings to meet their basic living expenses by the time they're 30. And by the time they're 35, their investments will be earning more money than they are, guaranteeing them a happy, wealthy future.* **Science Stories Using Case Studies to Teach Critical Thinking** NSTA Press *Stories give life and substance to scientific methods and provide an inside look at scientists in action. Case studies deepen scientific understanding, sharpen critical-thinking skills, and help students see how science relates to their lives. In Science Stories, Clyde Freeman Herreid, Nancy Schiller, and Ky Herreid have organized case studies into categories such as historical cases, science and the media, and ethics and the scientific process. Each case study comprises a story, classroom discussion questions, teaching notes and background information, objectives, and common misconceptions about the topic, as well as helpful references. College-level educators and high school teachers will find that this compilation of case studies will allow students to make connections between the classroom and everyday life.* **Plant Responses to the Environment** CRC Press *Plant Responses to the Environment covers the fundamental mechanisms of plant responses to biotic and abiotic environmental stimuli. By combining established disciplines like physiology and genetics with new approaches stemming from molecular biology and biophysics, a new synthesis is achieved. For example, this book deals with the effects of microgravity on plant development, and it provides an extensive analysis of plant perception and response to low oxygen and high ozone. New techniques such as those used for gene transfer using the biolistic gene gun approach in soybeans are described. Other topics considered include systemic acquired resistance (SAR) in plants and recent advances in understanding how legume roots perceive bacterial lipooligosaccharide signals. A glossary, subject index, and author index are also provided. Plant Responses to the Environment will be a valuable reference for plant physiologists, ecophysiologists, agronomists, plant molecular biologists, experimental botanists, and other researchers interested in the topic.* **Spectrum Algebra** Carson-Dellosa Publishing *With the help of Spectrum Algebra for grades 6 to 8, your child develops problem-solving math skills they can build on. This standards-based workbook focuses on middle school algebra concepts like equalities, inequalities, factors, fractions, proportions, functions, and more. Middle school is known for its challenges—let Spectrum ease some stress. Developed by education experts, the Spectrum Middle School Math series strengthens the important home-to-school connection and prepares children for math success. Filled with easy instructions and rigorous practice, Spectrum Algebra helps children soar in a standards-based classroom!* **The Eukaryotic Cell Cycle** Taylor & Francis US *This book provides an overview of the stages of the eukaryotic cell cycle, concentrating specifically on cell division for development and maintenance of the human body. It focusses especially on regulatory mechnisms and in some instances on the consequences of malfunction.* **IS-100.C Introduction to the Incident Command System, ICS 100: (Student Manual)** *ICS 100, Introduction to the Incident Command System, introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System.* **Organelles in Eukaryotic Cells Molecular Structure and Interactions** Springer Science & Business Media *Every year, the Federation of European Biochemical Societies sponsors a series of Advanced Courses designed to acquaint postgraduate students and young postdoctoral fellows with theoretical and practical aspects of topics of current interest in biochemistry, particularly within areas in which significant advances are being made. This volume contains the Proceedings of FEBS Advanced Course No. 88-02 held in Bari, Italy on the topic "Organelles of Eukaryotic Cells: Molecular Structure and Interactions. " It was a deliberate decision of the organizers not to restrict FEBS Advanced Course 88-02 to a discussion of a single organelle or a single aspect but to cover a broad area. One of the objectives of the course was to compare different organelles in order to allow the participants to discern recurrent themes which would illustrate that a basic unity exists in spite of the diversity. A second objective of the course was to acquaint the participants with the latest experimental approaches being used by in vestigators to study different organelles; this would illustrate that methodologies developed for studying the biogenesis of the structure-function relationships in one organelle can often be applied fruitfully to investi gate such aspects in other organelles. A third objective was to impress upon the participants that a study of the interaction between different organelles is intrinsic to understanding their physiological functions. This volume is divided into five sections. Part I is entitled "Structure and Organization of Intracellular Organelles.* **Private Pilot FAA Knowledge Test For the FAA Computer-Based Pilot Knowledge Tests Practicing Biology** Benjamin Cummings *This workbook offers a variety of activities to suit different learning styles. Activities such as modeling and mapping allow students to visualize and understand biological processes. New activities focus on reading and developing graphs and basic skills.* **Weedopedia An A to Z Guide to All Things Marijuana** Simon and Schuster *Discover everything you've ever wanted to know about marijuana all in one place with this authoritative A-to-Z guide to cannabis! What's a wake and bake? Who is Mitch Hedberg? What does Louisa May Alcott have to do with cannabis? And what exactly is the difference between a bong and a bubbler? Now you can "weed" all about it and find all the answers and more with this entertaining and updated edition of Weedopedia, your guide to everything marijuana—from the best movies to watch while high to cannabis slang and terminology. Whether you're interested in learning more about all things marijuana, or if you want something entertaining to read while enjoying a toke, this book is the one-stop-shop for all your weed-related needs.* **Odes** Random House *'Interspersed with acts of breathtaking linguistic daring.' Charlotte Mendelson, Observer Book of the Year Opening with a powerful and tender 'Ode to the Hymen', Sharon Olds uses this age-old poetic form to address many aspects of herself, in a collection that is centred around the female body and female pleasures, and touches along the way on parts of her own story which will be familiar from earlier works, each episode and memory now burnished by the wisdom and grace of looking back. In such poems as 'Ode to My Sister', 'Ode of Broken Loyalty', 'Ode to My Whiteness', 'Blow Job Ode', 'Ode to the Last 38 Trees in New York City Visible from This Window', Olds treats us to an intimate self-examination that, like all her work, is universal and by turns searing and charming in its honesty. From the early bodily joys and sorrows of her girlhood to the recent deaths of those dearest to her – the 'Sheffield Mountain Ode' for Galway Kinnell is one of the most stunning pieces here – Olds shapes her world in language that is startlingly fresh, profound in its conclusions, and life-giving for the reader.* **Campbell Biology** "*For the last three decades, Campbell Biology has been the leading college text in the biological sciences. It has been translated into 19 languages and has provided millions of students with a solid foundation in college-level biology. This success is a testament not only to Neil Campbell's original vision but also to the dedication of hundreds of reviewers (listed on pages xxviii-xxxi), who, together with editors, artists, and contributors, have shaped and inspired this work*"-- **Kasher in the Rye The True Tale of a White Boy from Oakland Who Became a Drug Addict, Criminal, Mental Patient, and Then Turned 16** Hachette UK *A hopeful and inspiring "act of comedic magic" from comedian—and now memoirist!—Moshe Kasher (Artie Lange, #1 New York Times bestselling author of Too Fat to Fish). Rising young comedian Moshe Kasher is lucky to be alive. He started using drugs when he was just 12. At that point, he had already been in psychoanlysis for 8 years. By the time he was 15, he had been in and out of several mental institutions, drifting from therapy to rehab to arrest to...you get the picture. But Kasher in the Rye is not an "eye opener" to the horrors of addiction. It's a hilarious memoir about the absurdity of it all. When he was a young boy, Kasher's mother took him on a vacation to the West Coast. Well it was more like an abduction. Only not officially. She stole them away from their father and they moved to Oakland , California. That's where the real fun begins, in the war zone of Oakland Public Schools. He was more than just out of control-his mother walked him around on a leash, which he chewed through and ran away. Those early years read like part Augusten Burroughs, part David Sedaris, with a touch of Jim Carrol...but a lot more Jewish. In fact, Kasher later spends time in a Brooklyn Hasidic community. Then came addicition... Brutally honest and laugh-out-loud funny, Kasher's first literary endeavor finds humor in even the most horrifying situations.* **Revitalizing Undergraduate Science Why Some Things Work and Most Don't** *This book explains why so few efforts at reforming science education are successful, and why it is that the 300 studies on the subject published over the past decade have done little more than add to a growing body of literature. The book describes programs which are successful in terms of faculty accomplishments, students graduated and entering advanced study or professional workplace, and showing evidence of high morale among both faculty and undergraduates. Common elements in many of these programs are abandonment of an almost exclusive emphasis on problem solving and modification of the lecture format to permit teaching of underlying concepts. Other variations in traditional introductory physics and chemistry courses are aimed at persuading those simply fulfilling graduation requirements to major in science; at bringing minority students into the fold; or at combining physics or various sub-fields of chemistry in different ways to promote better understanding. Harvard's "chem-phys," is provided as an example of such a combination, but also as a case study of how innovation can be stymied by a lack of university-wide change. The author uses methods of ethnography in reporting what makes individual programs interesting, what their faculty are doing, and what program participants are thinking. (PR)* **Gender & Censorship** Women Unlimited *The debate on censorship in India has hinged primarily on two issues -- the depiction of sex in the various media, and the representation of events that could, potentially, lead to violent communal clashes. This volume traces the trajectory of debates by Indian feminists over the last 25 years around the issue of gender and censorship. Censorship was institutionalised by the colonial British government, and has remained a much-contested government institution. In a multicultural society with diverse tastes and moral standards, who is to draw the line? And what reasonable curbs can be imposed on the freedom of expression? Can artistic merit be conflated with public good? Is the desire to purge the public arena of unnecessarily prurient and lascivious images actually in the interests of women and of society at large?* **Dear Ally, How Do I Write a Book?** Hachette UK *Problem plot lines? Character chaos? Ask Ally! The definitive guide to writing from one of teen fiction's best-loved authors. Writing finally has its own agony aunt in bestselling author, Ally Carter. Always wanted to write? Not sure how to begin, or what to do with tricky characters or pesky plotlines? Ask Ally! Ally Carter is the internationally bestselling author of Gallagher Girls, Embassy Row and Heist*

Society. Known for her gripping plots and adventures that combine danger and glamour in equal measure, Ally knows how to write brilliant books for teen and YA readers. Now Ally and her author friends want to help YOU write the book you've always dreamed of. Part agony aunt, part writing guru, this writing guide is thoughtful, witty and best of all, useful. With advice from some of children's fiction's brightest stars including Holly Black, Cassandra Clare and Kody Keplinger. **The Reluctant Nerd** *Raised with limited peer interaction, Ernestine St Bennett has difficulty interpreting social cues. At twenty-five she's become a loner; a shy nerd immersed in her scientific studies, whose best friend is her pet fish, Waldo.Then Ernestine meets Simon Prime, who's obviously a nerd, too! Sympathizing with his social dysfunction, Ernie decides to help poor Simon increase his self-esteem and thus enhance his social standing. Using principles learned in her fish studies, she'll simply turn Simon from meek to macho.What Ernestine doesn't know (but Waldo suspects) is that Simon Prime is really ex-cop, private investigator Sam Pierce in disguise. A man who definitely doesn't need his masculinity enhanced!* **Campbell Biology The Winning Way** *By definition, winning means that you competed and you came out ahead. Human nature requires us to compete in order to survive. Therefore, winning and survival have the element of success in common. To ascend to a winning position, you need a goal, a desire to achieve it, and the qualities of discipline, perseverance and action to attain it. Having your goal and setting yourself up to achieve your goal is the first step in the process. You adjust your mindset and begin to plan diligently. Goals may be as different as DNA, but methodologies have much in common. Furthermore, your plans and expectations will need adjustments as you go along. That is why the knowledge shared by the CelebrityExperts(r) in this book will be of importance to you. The advice and suggestions of these CelebrityExperts(r) are based on their experiences - both their accomplishments and their shipwrecks. The knowledge they share will allow you to make plans that can propel you in the right direction. That is the function of a mentor - to guide you where you are going and to advise what to avoid. If you wish to develop The Winning Way to your goals, read on... You will never win if you never begin. Helen Row*